DOWKER, 1682.

AN ALMANACK FOR THE

Year of our Lord, 1682.

BEING
The Second after *Bissextile* or *Leap-year*.

Containing the Motions and Aspects of the
Planets, and Inclination of the Air.

The Time of High Water at London, and in 55
other Ports and Havens about ENGLAND.

WITH

CHRONOLOGY and Computation of
Years, Tables of Interest and for Purchasing of Leases
or Annuities, and other Rules, Tables and Directions,
pertinent to the compleating of a *Diary* or *Day-Book*,
suitable to all Mens Occasions.

ALSO,

How to find the true hour of the Day or Night by the Sun and Stars. And
Direction to such as desire to be acquainted with the Roads
of *ENGLAND*.

Calculated Chiefly for the Meridian of *London*,
But may generally serve the two Famous Islands of
GREAT BRITAIN and IRELAND

By *Edmund* DOWKER Astrophil.

LONDON, Printed by *Tho. James* for the
Company of STATIONERS 1682.

		Julian.		Gregorian.	
Circle of the Sun			11		11
Epact	According to the Account		1		21
		February	26	*February*	1
		April	16	*March*	28
		June	4	*May*	10
		June	11	*May*	17

Returns 4	*Octab. Hill. Jan.* 20	Returns 4	*Craſt. Trin. June* 11
	Quin. Hill. Jan. 27		*Octa. Trin. June* 19
	Craſt. Purif. Feb. 3		*Quin. Trin. June* 26
	Octa. Pur. Feb. 10		*Treſ. Trin. July* 3
Returns 5	*Quin. Paſ. May* 1	Returns 6	*Treſ. Mich. Oct.* 2
	Treſ. Paſc. May 8		*Menſ. Mich. Oct.* 27
	Menſ. Paſ. May 15		*Craſt. Anim. Nov.* 3
	Quin. Paſ. May 22		*Craſt. Mar. Nov.* 13
	Craſt. Aſce. May 26		*Octa. Mar. Nov.* 20
			Quin. Mar. Nov. 27

The Exchequer opens eight days before any Term begins, except Trinity, before which it opens but four days.

From { The beginning of the Year to *January* 14.
February 12 to *April* 22
May 26 to *June* 10.
December 3 to the end of the Year.

will be Morning Star till the 12 of *April*, and afterwards our Evening Star to the Years end.

Head, Neck, Arms require,
Breſt, Heart, Guts deſire;
Loins, Secrets, Thighs,
Knees, Legs, Feet ſupplies.

Number.	KINGS Names.	Began to Reign.	Reigned.	since they reig.
1	King Egbert	816	20	866
2	Ethelwolf	836	21	846
3	Ethelbald	857	1	825
4	Ethelbert	858	5	824
5	Ethelfred	863	1c	819
6	Alfred	873	27	80y
7	Edward I.	900	24	78:
8	Ethelston	924	16	758
9	Edmond I.	940	6	742
10	Edred	946	9	736
11	Edwin	955	4	727
12	Edgar	959	2c	723
13	Edward II.	979	3	703
14	Ethelred	982	34	700
15	Edmond II.	1016	1	666
16	Canutus I.	1017	20	665
17	Harold I.	1037	3	645
18	Canutus II.	1040	2	642
19	Edward Conf.	1042	23	640
20	Harold II.	1065	2	617
21	William I.	1066	20	616
22	William II.	1087	12	595
23	Henry I.	1100	35	582
24	Stephen	1135	18	547

Number.	KINGS Names.	Began to Reign.	Reigned.	since they reig.
25	Henry II.	1154	35	528
26	Richard I.	1189	10	593
27	John	1199	17	483
28	Henry III.	1216	57	466
29	Edward I.	1273	35	410
30	Edward II.	1307	19	375
31	Edward III.	1326	1	256
32	Richard II.	1377	22	305
33	Henry IV.	1399	13	283
34	Henry V.	1412	9	270
35	Henry VI.	1422	38	260
36	Edward IV.	1460	23	222
37	Edward V.	1483	0	199
38	Richard III.	148	2	199
39	Henry VII.	148	24	197
40	Henry VIII.	1508	40	174
41	Edward VI.	1547	6	135
42	Q. Mary	1553	5	129
43	Q. Elizabeth	1558	44	124
	Kingd. united			
44	James	1602	23	80
45	Charles I.	1625	23	57
46		1648	34	34

Whom God preserve.

A Compendious

Years of the World.		*Years since.*
	The Creation of the World	5931
1656	*Noah's* flood	3975
1776	The Beginning of the *Assyrian Monarchy*	3857
2348	*Deucalion's* Deluge	3194
2537	The Destruction of *Troy*	2864
2842	The Building of { *London* by *Brute* / *Oxford* by *Memprick* / *Solomon's* Temple }	2589 / 2729 / 2678
2933		
3174	The First *Olympiad*	2457
3198	The Building of *Rome*	2433
3391	The Beginning of the *Persian Monarchy*	2240
3618	The Beginning of the *Grecian Monarchy* by *Alexand.*	2018
3881	*Cæsar's* first Attempt on *Britain*	1739
3902	The Beginning of the { *Roman Monarchy* / *Julian Account* }	1720 / 1728
3949	The Nativity of our Lord and Saviour *Christ*	1682
Year of Christ.		
17	*Lucian* the first Christian King	1512
445	*Vortigerne* calls in the *Saxons*	1237
595	The Coming of *Augustine* the Monk	1087
623	*Mahomet* the Impostor	1059
870	The University of *Oxford* erected by King *Alfred*	812
1010	The *Danes* first came into *England*	666
1066	*William* the Conqueror	616
1190	The first Mayor of *London*	492
1380	The Invention of { *Guns* by a *Monk* / *Printing* by a *Souldier* }	302 / 222
1468	*Printing* at *Oxford* first in *England*	214
1556	The first Use of Coaches in *England*	126
1565	The first Building of the *Royal Exchange*	117
1585	*Tobacco* first taken in *England* by Sir *Walter Raleigh*	97
1588	The *Spanish* Invasion	94
1605	The Gunpowder Treason	77
1624	The bloody Cruelty of the Dutch at *Amboyna*	58

Our

Years of Christ.		*Years since.*
1630	Our Gracious Sovereign *CHARLES* the Second, born *May* 30, 1629.	52
1641	The Long Parliament began *Novemb.* 3.	41
1642	The Rebellion in *Ireland* broke out, *October* 23.	4
1644	*Edgehill* Battel, *October* 23.	3
1643	*Brainford* Fight	3
1644	*Marston Moor* Fight	3
1644	*Newberry* Fight	3
1648	The Scots Routed in *Lancashire* by *O. C.*	3
1648	The Martyrdom of K. *CHARLES* I. *Jan.* 30.	3
1648	L. *Capel*, D. *Hamilton*, and E. of *Holland*, [illegible]	[illegible]
1648	*Colchester* taken	[illegible]
1651	*Worcester* Fight *Septemb.* [illegible]	[illegible]
1653	The Long Parliament turned out by *O. C.*	29
1653	A great Victory obtain'd by the English against the Holl.	29
1658	*Dunkirk* delivered to the *English*	24
1658	Sir *Henry Slingsby* and D. *Hewet* beheaded	24
1658	*Oliver C.* the Usurper dies	24
1660	General *Monk* brought in the Secluded Members	22
1660	The Healing Parliament *Apr.* 25	2
1660	Our Gracious Sovereign *CHARLES* II. arrival at *London*, *May* 29	22
1661	Two Comets appeared in 4 Months space	17
1665	A Great Plague in *London* of which died 100000,	17
1666	A Great and Fight between His Majesties Navy and the Dutch, wherein the Dutch were Beaten; by his Excellence Prince *Rupert* and the Lord General *Monk*, *July* 25.	16
1666	A sad and lamentable Fire in *London*, *September* 2, 3, 4, 5, and 6, wherein the number of Houses consumed were near 13000, 89 Parish Churches, and the quantity of ground wherein they stood consisted of about 410 Acres	16
1667	Peace with *Spain* and *Denmark*	1
1673	Peace agreed between the *English* and the *Dutch*	9
1674	A great Snow, continuing 11 days together	8
1680	The horrible Popish Plot discovered	2

	Sun Rise		Sun Set		Days Length		Nights length		Day breaks		Twylight ends	
	h.	m.	h.	m	h.	m.	h.	m.	h.	m.	h.	m.
5	7	57	4	3	8	6	15	54	5	50	6	10
10	7	51	4	10	8	20	15	40	5	45	6	15
15	7	43	4	17	8	34	15	26	5	39	6	21
20	7	34	4	26	8	52	15	8	5	32	6	28
25	7	26	4	34	9	8	14	52	5	25	6	35
30	7	17	4	43	9	26	14	34	5	17	6	43
5	7	6	4	54	9	48	14	12	5	8	6	52
10	6	56	5	4	10	8	13	52	4	59	7	1
15	6	46	5	14	10	28	13	32	4	50	7	10
20	6	36	5	24	10	48	13	12	4	40	7	20
25	6	27	5	33	11	6	12	54	4	30	7	30
30	6	21	5	39	11	18	12	43	4	21	7	39
5	6	11	5	49	11	38	12	22	4	12	7	48
10	6	1	5	59	11	58	12	2	4	2	7	58
15	5	51	6	9	12	18	11	42	3	50	8	10
20	5	41	6	19	12	38	11	22	3	38	8	22
25	5	31	6	29	12	58	11	2	3	25	8	35
30	5	21	6	39	13	18	10	42	3	12	8	48
5	5	10	6	50	13	40	10	20	2	57	9	3
10	5	1	6	59	13	58	10	2	2	41	9	19
15	4	51	7	9	14	18	9	42	2	25	9	35
20	4	42	7	18	14	36	9	24	2	8	9	52
25	4	34	7	26	14	52	9	8	1	51	10	9
30	4	26	7	34	15	8	8	52	1	32	10	28
5	4	18	7	42	15	24	8	36	1	8	10	52
10	4	11	7	49	15	38	8	22	0	37	11	23
15	4	8	7	52	15	44	8	16	0	11	11	49
20	4	5	7	55	15	50	8	10	*Continual day*			
25	3	59	8	1	16	2	7	58	*from the 12th of*			
30	3	54	8	6	16	12	7	48	*May to the 12th*			
5	3	48	8	12	16	24	7	36	*of July; in all*			
10	3	47	8	13	16	26	7	34	*which time the*			
15	3	47	8	13	16	26	7	34	*Sun is not depres-*			
20	3	49	8	11	16	22	7	38	*sed 18 deg. below*			
25	3	52	8	8	16	16	7	44	*the Horizon.*			
30	3	55	8	5	16	10	7	50				

	Sun Rise		Sun Set		Days Length		Nights length		Day breaks		Twylight ends	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
5	4	6	7	54	15	48	8	12	as at		London	
10	4	8	7	52	15	44	8	16		10	11	50
15	4	12	7	48	15	36	8	24		44	11	16
20	4	19	7	41	15	22	8	38	1	13	10	7
25	4	27	7	33	15	6	8	54	1	35	10	25
30	4	35	7	25	14	50	9	10	1	54	10	6
5	4	46	7	14	14	28	9	32	2	5	9	45
10	4	55	7	5	14	10	9	50	2	31	9	29
15	5	4	6	56	13	52	10	8	2	46	9	14
20	5	13	6	47	13	34	10	26	3	0	9	0
25	5	23	6	37	13	14	10	46	3	14	8	46
30	5	32	6	28	12	56	11	4	3	28	8	32
5	5	44	6	16	12	32	11	28	3	42	8	18
10	5	54	6	6	12	12	11	48	3	54	8	16
15	6	4	5	56	11	52	12	8	4	6	7	54
20	6	14	5	46	11	32	12	28	4	17	7	43
25	6	24	5	36	11	12	12	48	4	27	7	33
30	6	33	5	27	10	54	13	6	4	37	7	23
5	6	43	5	17	10	34	13	26	4	47	7	13
10	6	53	5	7	10	14	13	46	4	56	7	4
15	7	3	4	57	9	54	14	6	5	5	6	55
20	7	12	4	48	9	36	14	24	5	13	6	43
25	7	21	4	39	9	18	14	42	5	21	6	39
30	7	30	4	30	9	0	15	0	5	29	6	31
5	7	40	4	20	8	40	15	20	5	37	6	23
10	7	47	4	13	8	26	15	34	5	42	6	18
15	7	54	4	6	8	12	15	48	5	47	6	13
20	8	0	4	0	8	0	16	0	5	52	6	8
25	8	5	3	55	7	50	16	10	5	56	6	4
30	8	9	3	51	7	42	16	18	5	59	6	1
5	8	12	3	48	7	36	16	24	6	0	6	0
10	8	13	3	47	7	34	16	26	6	1	5	59
15	8	13	3	47	7	34	16	26	5	1	5	59
20	8	11	3	49	7	38	16	22	5	0	6	0
25	8	8	3	52	7	44	16	16	5	58	6	2
30	8	4	3	56	7	52	16	8	5	55	6	5

☾ [illegible] after [illegible] 21 [illegible] after 8 at night
○ Full Moon the 13 day, 12 min. after 12 at noon.
☽ Last quarter the 20 day, 20 m. after 11 before noon.
● New Moon the 28 day, 32 min. past 2 in the Afternoon.

Beware of Cold, to Bath or Bleed take heed,
A good warm Coat this Month thy Back will need.

1	☽	Circumcision	21	☌	20	39	3	☽ ☍ ☾	Westerly	11	♑
2	♄	Abel	22	52	2	♓	43	4	☀ ☿ ☾	3	12	♐
3	♃	Seth	23	53	14	56	5	△ ♃ ☾	Wind &	13	♐
4	♄	Telesphorus	24	45	27	19	6		riable weather	14	♐
5	☿	Ed. Confessor	25	55	10	♈	0	7	□ ♃ ☾ □ ☿ ☾	15	♐
6	♀	Epiphany	26	56	24	2		☾	onus and snow	16	♑
7	☽	Julian	27	58	5	♉	46	9	□ ♄ ☾		17	♑
8	♂	[illegible]	28	59	19	5		10	□ ♂ ☾ 2. wea		18	♑
9	♄	☉ rif SE/E			04	♊	91		☾ ☍ sun & m		19	♑
10	♃	sets SW b		1	1	18	4	12	☾ Easterl. win		20	♐
11	♄	Hyginus P. M.		2	23	♋	3	13	☾ ☿ ☾ ☌ ☿ ☾		21	♐
12	♃	Octavius		3	34	18	44	1	☽ ♃ ☾		22	♐
13	♀	Hillary B.		4	43	♌	57	16	Sere		23	♑
14	☽	Felix		5	51	19	5		☾ ♂ ☾		24	♑
15	♂	[illegible]		6	63	♍	53	17	Air & fair		25	♒
16	♄	Marcellus		7	7	18	19	18	weather.		26	♒
17	♃	So. Arm. Gab.		8	8	2	♎	23	19		27	♐
18	♄	Prisca		9	9	15	52	20			28	♐
19	☿	Norman		10	10	28	58	21	□ ♈ ☾ □ ♀ ☾		29	♑
20	♀	Fabian		11	11	11	♏	40	☾ Hazy wea		30	♑
21	☽	Agnes V.		12	12	24	0	3	storms & tempest		31	♑
22	♂			13	13	5	♐	5	and northerly			
23	♄			14	14	18		2	♂ ☾ . (wind			
24	♃	Timothy		15	15	2	9	55	Hyras hear: Sn.		2	♒
25	♄			16	16	11	♑	42	(at 12.		3	♐
26	☿	Gre. D gri-		17	17	25	25	29	☽ ☿ ☾		4	♑
27	♀	[illegible]		18	17	5	♒	25	☾ ☌ ☿ ☾ Very va		5	♑
28	☽	Carol. Mag.		19	18	1		5	☾ ☍ ☿ ☾ rible &		6	♑
29	♂			20	19	8	4	1	uncertain weather		7	♑
30	♄			2	19	11	7		☾ ☌ ☿ tle		8	♒
31	♃	Adrian P.		22	20	24	2	5	end of the		9	♐
									March.		10	♐

	D.	☿	♃	♂	♀	♄	☾	Lat.
	1	4 R 22	14R ♌ 0	15♒46	7♐ 32	28♐ 28	1	S 18
The Planets places.	6	4 ♌ 0	14♍11	19 32	2♑ 45	4 27	4	M 0
	11	3 34	13 27	23 27	9 55	10 40	4	A 36
	16	3 13	12 46	27 24	16 14	18 54	1	S 16
	21	2 48	12 8	♓ 19	22 28	5 40	5	12
	26	2 24	1 30	5 28	28 40	13 ♒19	3	D 24

JANUARY, why so called.

♑	5	24
2	6	12
3	7	0
4	7	48
5	8	30
6	9	24
7	10	12
♒	11	0
9	11	48
10	12	36
11	1	24
12	2	12
13	3	0
14	3	8
♓	4	3
16	5	24
17	6	12
18	7	0
19	7	48
20	8	36
21	9	24
♈	10	12
23	11	0
24	11	48
25	12	36
26	1	24
27	2	12
28	3	0
♉	3	53
30	4	45
31	5	35

High-water London-bridge.

It taketh its Name, either of *Janus*, an ancient King of *Italy*, who for his wisdom and providence was painted with two Faces, the one looking back to the Old year, and the other forward to the New: Or else it takes its Name of *Janua* a Gate, because it is the Gate or Entrance into the year. The Saxons called this Moneth *Wolf Monet*, viz. *Wolf Moneth*; for that in it they were in danger of being devoured by Wolves.

Of the Festivals in this Moneth.

The Son of God obey'd his Father's Will,
Was (1) Circumcis'd, and did the Law fulfill.
By Three great King's (6) Gifts unto Christ were given,
And (25) Paul Converted by a Voice from Heaven.

Instructions for Gardening in this Moneth.

Trench Ground, prepare Soil, dig Borders, uncover Roots of Trees, Prune Quickset: Transplant Fruit Trees, Prune Vines and Fruit Trees. Nail Wall Fruit, gather Cyons, cleanse Trees of Moss. Set Beans, sow Peas, Sow Cicerille, Lettice, Radish, and Salads in the Beds. Set Trees for Verdure. Plant Anemone Roots, preserve them with Ranunculus's sown in September or October; as also Carnations, and such Seeds as are in danger to be washed away with over-much Rain.

First quarter the 5 day, at 9 in the Morning.
Full Moon the 11 day, 25 min. past 11 at night.
☽ Laſt quarter the 19 day, 37 m. paſt 5 in the Afternoon.
● New Moon the 27 day, 3 quart. after 8 in the Morning

Warm Cloaths this Moneth are good, old Sack no leſs,
Always provided you avoid Exceſs.

M. D.	W. D.	Feſtivals / Stars Southing / Riſing & Setting	The Suns Place	Displac. in the Zodiack	D. of Apr.	Lunar and Planetary Aſpects, with the inclinat. of Air	M. D.	W. D.
1	d	Ignatius	23 20	♈ 55	4	☐ ☿ ☾ 8	11	g
2	e	Sun rites E S E	24 20	19 5	5	Sun rites E S E	12	a
3	f	Sets W S W	25 21	♉ 53	6	☐ ♄ ☾ 10	13	b
4	g	Veronica	26 21	16 11	7	Snow and Clou-	14	c
5			27 21	29 45		dy weather, Rain	15	
6	b	Dorothea	28 22	13 ♊ 43	9	☐ ♂ ☾ 6 & Froſt	6	e
7	c	Angulus	29 23	27 58	10	und Eaſterl. wind	17	f
8	d	Solome	23	12 ♋ 36	11	☌ ♅ ☾ 8.	18	g
9	e	Apolloxia V.	1 24	27 2	12	☌ ♄ ☿ 8.	19	a
10	f	Scholaſticæ V	2 ♈	10 ♌ 22		Very variable &	2	b
11	g	Euphrodius	3 25	23 17			21	c
12			4 25	12 ♍ 2	15	☍ ♂ ☾ 11	22	
13	b		5 25	26 3	16	anconſt. weather	23	e
14	c	Valentine	6 26	10 ♎ 33	17	☐ ♅ ☾ 12	24	f
15	d	Fauſtin	7 26	24 11	18	Miſſing	25	g
16	e	Polychron	8 26	7 ♏ 27	19	☐ ♄ ☾ 1. Rain	26	a
17	f	Conſtance	9 26	20 31	20	& fleet	27	b
18	g	Concordia	10 26	2 ♐ 37	21	☐ ☿ ☾ 1.	28	c
19			11 26	14 36	D	Snow and		
20	b	Sun riſes E b S	12 26	26 32	23	Whirlwinds.	2	e
21	c	Sets W by S	13 2	8 ♑ 20	24	☍ ♅ ☾ 4.	3	f
22	d	Cath. Pet.	14 26	20 9	25		4	g
23	e	Serennus	15 25	2 ♒ 5	26	Flying clouds &	5	a
24	f		16 26	13 58	27	impetuous winds	6	b
25	g	Victor	17 26	25 5	28		7	c
26			26	8 ♓ 26	29		8	
27	b	Fortuna	9 26	20 59	●	Mild &	9	e
28	c	Shrove Tueſd.	10 26	3 ♈ 46	1	warm	10	f
						(weather		

D.	♄	♃	♂	☿	♀	☾ Lan.
1	1 ♌ 57	10♎ 5	9♓57	6 ♒11	12♒51	2 ♏ 57
6	1 R. 36	10R. 3	15 52	12 2	21 7	5 A 11
11	1 16	10 24	17 4	18 39	29 55	0 33
16	0 58	10 16	21 41	24 54	9 ♓ 0	4 S 47
21	0 43	10 13	26 10	2 ♓ 21	20 50	4 D 28
26	0 34	10 13	7 53	4 56	25 2	1 37

M. D.	W. D.	Full Sea at London	High-water at London-bridge.	
1	6	26		It taketh its Name *à Februis expiatoriis*; from certain Expiatory Sacrifices which the Romans in this Moneth offered to their God *Februus* for Purging of the Souls of the Dead, as they thought. — The Saxons called it *Sprout Kele*, becauſe the Colewortes, (which they call *Kele*) in this Moneth yielded wholeſome young ſprouts for their nouriſhment.
2	7	18		
3	8	10		
4	9	2		
5	9	53		
6	10	45		
7	11	37		
8	12	28		
9	1	20		
10	2	11		Chriſt's *bleſſed Virgin Mother*, *Maiden Bride*, *Moſt pure*, *yet (by the Law) was* (2) *puriſi'd.* (24) Matthias *choſen in Heaven's place*; *Wherein he liv'd and dy'd by God's high grace.*
11	3	0		
12	3	45		
13	4	30		
14	5	15		
15	6	0		
16	6	45		
17	7	30		
18	8	15		
19	9	0		
20	9	54		You may yet plant Fruit Trees, Vines, Hops, and Shrubs, ſet Kernels and Stones, cut and lay Quickets. Sowe Aſparagus, Beans, Peaſe, Radiſh, Parſnips, Carots, Onions, and Garlick. Plant Cabbage Plants, Potatoes, Colliflowers, Parſly, Spinage, and other hardy Pot-herbs. Cleanſe Trees from Moſs and Canker. Earth up the Roots of Trees, begin to graft for Apples, Pears, Plumbs, Cherries, *&c.* Begin to make your hot Beds for firſt Melons and Cucumbers. Cut off the Webs of Caterpillers from the tops of Twigs.
21	10	40		
22	11	25		
23	12	9		
24	12	45		
25	1	30		
	2	25		
27	3	0		
28	3	53		

March hath XXXI. days.

☾ First quarter the 6 day, 11 min. past 5 in the afternoon.
🌕 Full Moon the 13 day, 3 quarters after 9 in the morning.
☾ Last quarter the 21 day, half an hour after 1 in the morn.
🌑 New Moon the 28 day, at 11 at night.

Thy Blood afresh 'gins to increase again,
Purge, Bath and Bleed, thy Body to maintain.

1	d	David B.	21	25	16 ♈	43	2	Ashwednesday	11	g
2	e	Chad	22	25	29	53	3	□ ♄ ☾ 1.	12	a
3	f	Lions Tail	23	25	13 ♉	1.	4	Sudden Showers	13	b
4	g	Adrian	24	24	26	39	5	of Rain, if not	14	c
5	[illegible]	[illegible]	25	24	10 ♊	19	[illegible]	Thunder.	15	[illegible]
6	b	Frederick	26	24	24	[illegible]	7	□ ♀ ☾ □ ☿ ☾	16	e
7	c	Perpetua M.	27	23	8 ♋	1[illegible]	8	[illegible]	17	f
8	d	[illegible]	28	23	22	30	9	□ ♂ ☾ ☌ ♃ ☾	18	g
9	e	Prudentia	29	22	6 ♌	[illegible]	10	[illegible] Flying	19	a
10	f	Alexander	[illegible]	21	22	2	11	☌ ♄ ☾ 2. Cloud	20	b
11	g	Cumbert	1	21	5 ♍	59	12	of divers colours	21	c
12	[illegible]	[illegible]	2	20	20	26	13	[illegible]	22	[illegible]
13	b	☉ rises East	3	20	4 ♎	39	[illegible]	☌ ♀ ☾ 8. ☾ [illegible]	23	e
14	c	Sets due West	4	19	18	36	15	□ ♃ ☾ 11. Very	24	f
15	d	Aristobulus	5	18	2 ♏	11	16	[illegible] tempe-	25	g
16	e	Cyriacus	6	17	15	22	17	stuous weather.	26	a
17	f	Gertrude	7	16	23	7	18	[illegible]	27	b
18	g	Edward	8	16	10 ♐	34	19	Misty and cloudy	28	c
19	[illegible]	[illegible]	9	15	22	44	20	dark Air.	29	[illegible]
20	b	1 G. Bears T.	10	14	4 ♑	37	21	□ ♀ ☾ 1.	30	e
21	c	Benedict. Ab	11	13	16	26	22	□ ♂ ☾ [illegible]	31	f
22	d	Paulinus	12	12	28	13	23	□ ☿ ☾ [illegible]	[illegible]	[illegible]
23	e	Godfridus	13	1	10 ♒	[illegible]	24	Wind and hail	2	a
24	f	Quirinus	14	1[illegible]	22	[illegible]	25	and North wind.	3	b
25	g	[illegible]	15	[illegible]	1 ♓	18	26	[illegible]	4	c
26	[illegible]	[illegible]	16	7	15	4[illegible]	27	[illegible] Fair	5	[illegible]
27	b	Archibald	17	6	29	29	28	[illegible] & plea-	6	e
28	c	Gideon	18	5	2 ♈	31	29	□ ♀ 4. [illegible]nt	7	f
29	d	2 G. Bears T.	19	4	25	[illegible]	1	□ ♂ ☾ weath.	8	g
30	e	Guido	20	2	[illegible]	28	2	[illegible] Gentle	9	a
31	f	Balbina	1	1	23	13	3	[illegible] showers	10	b

	D	☽	☿	♀	♂	♃	♄	☾ Lat.
	1	♌ 22	10 ♑ 15	♈ 4	♓ 34	♈ 54	3	M 44
The	6	R. 12	10 7	5 3	17 15	12 15	4	A 13
Planets	11	7	10 43	9 24	23 23	19 30	5	S 27
places	16	2	11 1	13 1	29 39	24 17	5	4
	21	D. 0	11 24	17 2	♉ 5 ♈	25 R 19	3	D 40
	26	1	11 51	20 48	12 22	28	1	M 27

MARCH, why so called.

It taketh its Name *à Marte*, of *Mars* the God of Battel, to whom this Moneth was dedica ed by the Ancient Romans. — The Saxons called it *Lenct Monet*, i. e. *Length Moneth*, becauſe this Moneth the days begin to exceed the nights in length; and hence cometh the Name of the Feaſt *Lent*, becauſe the greateſt part of that Feaſt falleth in this Moneth.

Of the Feſtivals in this Moneth.

25 *The Angel to the Virgin Tydings brings,*
That ſhe ſhall bear the glorious King of Kings.

Inſtructions for Gardning this Moneth.

Graf, ſlip, and ſet Sage, Roſemary, Lavender, Time, *&c.* Sow Endive, Succory, Leeks, Radiſh, Beets, Parſnips, Skirrets, Parſly, Sorrel, Bugloſs, Burrage, Chervile, *&c.* Alſo ſow Lettice, Onions, Garlick, Purſlan, Turnips, Peaſe, Carrots, Cabbages, Creſſes, Fennel, Marjoram, *&c.* Tranſplant Medicinal Herbs. Preſs and ſtring Strawberry Beds. Stake and bind up weak Plants. Sow Pinks, Sweet Williams, Carnations, Pine Kernel, Fir Seeds and Bays. Plant Jaſmine and Anemony Roots. Tranſplant Carnations, Seedlings, and Fibrous Roots. Fence your Anemonies, Auricula's, *&c.* with Matts.

1	4	43	
2	5	35	
3	6	26	
4	7	18	
5	8	10	
6	9	2	
7	9	53	
8	10	45	
9	11	37	
10	12	28	
11	1	20	
12	2	11	
13	3	0	
14	3	48	
15	4	36	
16	5	34	
17	6	12	
18	7	0	
19	7	48	
20	8	36	
21	9	24	
22	10	12	
23	11	0	
24	11	48	
25	12	36	
26	1	24	
27	2	12	
28	3	0	
29	3	48	
30	4	3	
31	5	24	

High water at London bridge.

First quarter the 4 day, 51 min. past 10 at night.
Full Moon the 11 day, 34 min. past 9 at night.
☽ Last quarter the 19 day, 3 quarr. after 6 at night.
● New Moon the 27 day, 9 min. after 10 in the Forenoon.

If thou intend'st to purge, or bath, or bleed,
Of Learn'd Physicians counsel thou hast need.

1	♃	Theodose	22	0	7	♊	4	4	Fair, dry, warm	11	☾
2			22	59	21		4	5	and very pleasant	12	
3	♄	Christiana	23	58	5	♋	2	6	springing weather	13	♂
4	☾	Ambrose	24	56	19		7		☐ ☌ ☿ ☿ ☾	14	♀
5	♂	Vincentius	25	55	3	♌	10	8	☌ ☽ ☾ 7.	15	♃
6	♀	Ethelwold K.	6	53	17		13	9	to the 7 day.	16	☉
7	☿	Dionisius	27	42	1	♍	22	10		17	♄
8	♃	Albinus	28	50	15		28	11	Violent	18	☾
9			29	49	29		2	12	Rain	19	
10	♄	Rams horn		48	13	♎	21	13	☐ ☿ ☾	20	♂
11	☾	rises Cosmic.	1	46	27		25		☌ ☌ ☿ ☾ 10 and	21	♀
12	♂	Julius	2	45	10	♏	17	15	Wind.	22	♃
13	♀	Maundy Th.	3	43	23		20	16	More mild and	23	☉
14	☿	Good Friday	4	41	5	♐	3	17	temperate, but	24	♄
15	♃	Olympia	5	39	18		28	18	cold and	25	☾
16			6	37	0	♑	8	19	misty.	26	
17	♄	Sun rises ENE	7	35	12		2	20		27	♂
18	☾	Sets W N W	8	34	24		23	21		28	♀
19	♂	Alpheg	9	31	6	♒	9	☽	☌ ♄ ☿ ☐ ☌ ☿ ☾	29	☿
20	♀	Sulpitius	10	30	18		0	23		30	♃
21	☿	7 ✶ rise Cos.	11	28	29		55	24			
22	♃	Nother	12	26	12	♓	13	25	Flying Clouds	2	☾
23			13	24	24		44	26	with some rain in	3	
24	♄	Albertus	14	21	7	♈	37	27	sudden showers	4	♂
25	☾		15	19	20		56	28	☐ ☿ ☾	5	♀
26	♂	Cletus P. M.	16	17	4	♉	29	29		6	♃
27	♀	Anastatius	17	15	18		24	●	☌ ☌ ☾ ☌ ☿ ☾	7	☉
28	☿	Vitalis M.	18	13	2	♊	36	1	Fair and good	8	♄
29	♃	Sybilla	19	12	16		58	2	weather & South.	9	☾
30			20	8	1	♋	15	3	Wind.	10	

D	♄	♃	♂	♀	☿	☾ Lat.
1	0 ♌ 7	12 ♋ 30	25 ♈ 18	19 ♈ 27	18 ♈ 42	5 M. 14
6	0 14	13 5	29 1	25 38	15 7	1 12
11	0 24	13 45	2 ♉ 42	1 ♉ 48	13 D. 23	4 S. 29
16	0 36	14 25	6 22	7 58	13 28	4 D. 31
21	0 51	15 10	10 2	14 8	15 34	0 M. 5
26	1 8	15 59	13 40	20 17	19 24	5 0

1	6	12	
2	7	0	
3	7	48	
4	8	36	
5	9	24	
6	10	12	
7	11	0	
8	11	48	
	12	36	
10	1	24	
11	2	12	
12	3	0	
13	3	48	
14	4	36	
15	5	24	
	6	12	
17	7	0	
18	7	48	
19	8	36	
20	9	24	
21	10	12	
22	11	0	
	11	48	
24	12	36	
25	1	24	
26	2	12	
27	3	0	
28	3	52	
29	4	43	
	5	35	

High-water at *London-bridge.*

It taketh its Name *ab aperendo*, of opening, becauſe in this Month all things are opened in the Flower So *Ovid. Aprilem memorant ab aperto tempore dicto*, — The Ancient Saxons called it *Oſtar-Monat*, of the Eaſt Wind that uſed to blow this Month; and hence the Feaſt of *Eaſter* ſeemeth to take its Name, as falling out (for the moſt part) in this Moneth.

The Sixteenth day keep holy, praiſe him ſtill,
That ſet us free from Satan, Sin, and Hell.
25 *St.* Mark *a ſacred true Evangeliſt,*
A Pen-man of the Glorious Acts of Chriſt,
The Five and twentieth day we dedicate
To God, which Ancient Times did celebrate.

Sow Marjoram, Hyſop, Baſil, Time, Winter Savory, Scurvygraſs, Lettice, Purſlow, Colliflowers, Radiſh, Marigolds, Pinks, Carnations, Muſcipula, Candy toots, Cyony, *&c.* Set Slips of Artichoaks, Lavender, Time, and Roſemary. Set French Beans, tranſplant and remove tender Shrubs. Clip Shrubs after Showers.

☾ First quarter the 4 day, half an hour after 3 morning.
○ Full Moon the 11 day, 17 m. after 10 in the forenoon.
☽ Last quarter the 19 day, 49 min. past 11 before noon.
● New Moon the 26 day, at 7 at night.

Sweet morning walks and Sage the minds may please,
Of those whose Bodies are in health and ease.

	b		21	6	15	♎	41	4	☌	☿	☾	2	Very
2	c	Athanasius	22	4	29		59	5	☌	♄	☽	□	♀
3	d		23	1	14	♏	3	6	□	☌	☾		Good
4	e	HinderGuts	23	59	28		4						weath. but
5	f	SerpentsNe	24	57	11	♐	54	8					now and
6	g	Joh. Por. Lat	25	54	25		38	9	then				pleas nt
			26	52	9	♑	12	10	□	☿	☾		Showers
8	b	Stanislaus	27	0	22		34	11					Hang Clouds
9	c	Hobe	28	47	5	♒	49	12	□	♄	☿	☌	and
10	d	Pancras	29	45	18		50	13	☌	☌	☾		Windy
11	e	S risi. NEb		42	1	♓	38						Temperate, fair
12	f	Sets NWbW	1	40	14		22	15	☌	♀	☿	☌	and
13	g	Servatius	2	37	26		31	16					very Isot
14			3	34	8	♈	38	17	weather,				and a
15	b	Sophia	4	32	20		39	18	☌	♆	☿		10
16	c	Ubaldus	5	29	2	♉	24	19	hot	and	dry		
17	d	Jodocus	6	27	14		11	20	☾				Season
18	e	Venant	7	24	26		4	21	□	☿	☾		like to
19	f	Dunstan	8	21	8	♊	0	22					be till
20	g	Bernard	9	19	20		11	23					the 24 or
21			10	16	2	♋	41	24	days.				
22	b	The Full Ey	11	13	15		55	25	□	♆	☾	9	June
23	c	rises Cosmic.	12	10	28		34	26	□	♄	☾		
24	d	Esther.	13	7	12	♌	52	27					Thunder
25	e		14	4	26		46	28					cooling
26	f	Augustine	15	2	11	♍	15	29	☌	☌	☿	☾	2 the
27	g	Beda Ve.	15	59	25		49	30	☌	☿	☾	4	Air.
28			16	57	10	♎	43	31	And	fair	&	go	on
29	b		17	54	25		37	32					
30	c	Wigand	18	51	10	♏	15	33	☌	♆	☾		weather
31	d	Petron	19	48	24		30	34					ends the M.

D	♄		♃		♂		☉		♀		☿		☾	Lat.	
1	1	♑20	16	♑49	17	♂ 7	26	♉20	24	♈35	3	M	36
6	1	49	17	43	20	532		♊35	0	♉40	2	S	24
11	2	13	18	36	24	188		435		2	5		12
16	2	58	19	32	28	214	4	16	17	2	D	14
21	3	5	20	31	1	♊34	29	5	25	35	3	M	0
26	3	34	21	31	5	427		66		45	A		7

1	6	26
2	7	18
3	8	10
4	9	2
5	9	53
6	10	45
	11	37
8	12	28
9	1	20
10	2	11
11	3	0
12	3	48
13	4	36
	5	24
15	6	12
16	7	0
17	7	48
18	8	36
19	9	24
20	10	12
	11	0
22	11	48
23	12	36
24	1	24
25	2	12
26	3	0
27	3	48
	4	36
29	5	24
30	6	12
31	7	0

High water at London Bridge.

It is so called of the Goddess *Maia*, the Mother of *Mercury*, because Heathens used to Sacrifice to her this Month. The *Saxons* called it *Trimilk*, because in this month they used to milk their Kine three times every day.

(1.) St. *Philip* and St. *Jacob*, like two Twins
Their memories, on this first day begins:
'Tis a good entrance to this Month of *May*
When two such glorious Sts. do lead the way.

Sow Sweet Marjorim, Basil, Time, hot and Aromatick herbs. Purslow atice. Painted Beans, &c. Look well to your Mellons forbear to cover them on the ridges with traw. Pluck up weeds before they seed. Ply the laboratory distilling plants for waters, Spirits, &c. Give your housed plants fresh Earth. Shade your Cornations and Gilly flowers after mid day Plant Stock Gilliflowers in beds, and at full Moon gather Anemony seeds, take up dryed Tulips, and cover such as are bare.

First quarter the 2 day, 49 min. after 8 in the morn.
Full moon the 9 day, at 12 at night.
☽ Laſt quarter the 18 day, 50 min. paſt 2 in the morn.
☾ New moon the 25 day, 8 min. before 3 in the morn.

Drinks new or ſweet, Hot Spice I warn thee flee,
The ſports of *Venus*, and *Phlebotome*.

1	e	Nichomede	20	45	8	♍	43	5	☐ ♂ ☾ 1	11	a
2	f	Marcellus	21	43	22		32		☐ ☿ ☾	12	b
3	g	Eraſmus	22	39	6	♎	8	7	☐ ♀ ☾ 1	13	c
4			23	37	19		19	8		14	
5	b	Buls horne	24	34	2	♏	24	9	☐ ♄ ☾ 1	15	e
6	c	Riſes Coſmica.	25	31	15		15	10	*Very hot, but*	16	f
7	d	Dragons head	26	28	27		56	11	*mitigated by*	17	g
8	e		27	25	10	♐	25	12	☌ ☌ ☾ 7 *gentle*	18	a
9	f	Barnim	28	22	22		44	13	*gales of eaſt and*	19	b
10	g	Oſnufrius	29	19	4	♑	54	14	☌ ☿ ☾ 6 *north Ea*	20	c
11				16	16		55			21	
12	b	Blandinus	1	13	28		49	16	*winds, and*	22	e
13	c	Cyrillus	2	10	10	♒	39	17	*ſome*	23	f
14	d	Valerius	3	7	28		29	18	*ſhowers*	24	g
15	e	Vitus	4	4	4	♓	20	19		25	a
16	f		5	1	16		2	20	☐ ♂ ☾ 6	26	b
17	g	Albanus	5	59	28		21	21	*Very hot weather*	27	c
18			5	56	10	♈	57	☽	☐ ♃ ☿ ☿ ☾ 4	28	
19	b	Gervaſe	7	53	23		56	23	☐ ♄ ☾ 10	29	e
20	c	Edward	8	50	7	♉	1	24	*Very*	30	f
21	d	Walburge	9	47	20		44	25	☌ ☌ ☾ 8		
22	e	Achatius	10	44	4	♊	53	26	*windy, and*	2	a
23	f	Baſil	11	41	19		29	27	*ſuddain*	3	b
24	g		12	38	4	♋	24	28	☌ ☿ ☿ ☌	4	c
25			13	35	19		32	☾	*ſhowers of*	5	
26	b	Jeremis	14	32	4	♌	41	1	*rain,*	6	e
27	c	7 Sleepers	15	29	19		39	2	☐ ☌ ☾ 5	7	f
28	d	Leo	16	26	4	♍	23	3		8	g
29	e		17	23	13		4	4		9	a
30	f	Swans Bill	18	20	21	♎	41	5		10	b

	☉	♄	♅	♂	♀	☿	☾	Lat.
	1	4 ♌ 13	22 ♑ 44	9 ♊ 16	4 ♌ 27	18 ♐ 44	1 S	50
	6	4 43	23 46	12 46	10 35	29 22	5	11
	11	5 17	24 50	16 16	16 42	9 ♑ 55	3 D	24
	16	5 51	25 54	19 36	22 48	20 51	M	47
	21	6 26	27 0	23 0	28 55	28 18	5	15
	26	7 1	28 5	26 20	5 ♑ 07	21	1	53

1	7	48
2	8	36
3	9	24
	10	12
5	11	0
6	11	48
7	12	36
8	1	24
9	2	12
10	3	0
	3	48
12	4	36
13	5	24
14	6	12
15	7	0
16	7	48
17	8	36
	9	24
19	10	12
20	11	0
21	11	48
22	12	36
23	1	24
24	2	12
	3	0
26	3	48
27	4	36
28	5	24
29	6	12
30	7	0

High water at London Bridge.

It taketh its name of *Junius Brutus*, the Authour of the Romans Liberty, who was made *Conſul* this Moneth. The *Saxons* called this Moneth *Weyd-monat*, of *Weyden* to feed, becauſe they uſed this Moneth to drive their Cattel into the Paſtures to feed.

(24) St. *John* the Baptiſt loſt his glorious (head,
The ſame way was (29) St. *Peter* ſtroken dead.
And may all Chriſtians, like to them endeavor
To dye here ſo, that they may live for ever.

Sow Lettice, *Chervil, Radiſh, &c. Cleanſe Vines of exuberant branches ſtopping the joynt. Inoculate Apricocks, Peaches, Cherries, Plumbs, Apples and Pears, Gather Herbs at the full, dry them in the Sun to keep. Diſtil Aromatick plants, Water planted Trees, and put half rotten Fern about their ſtems. Tranſplant Autumnal Cychament, Gather the ripe ſeed of choice Flowers, inoculate Jaſemine, Roſes and Roſe ſhrubs, take up anomonies, Ranunculus, Tulip-bulbs, &c. And plant them again.*

First quarter the 1 day, at 5 in the afternoon.
Full moon the 9 day, 32 min. past 2 afternoon.
☽ Last quarter the 17 day, at 4 in the afternoon.
● New moon the 24 day, 31 min. after 9 beforenoon.
First quarter the last day, 13 min. past 2 in the mor.

Strong drinks and new refuse, they be thy Foe.
To bath in Rivers cool this July go.

1	g	Orions Girdl.	19	18	16	10		*Moisture and*	11	c
2			20	15	29	25	7	☍ ☿ ☾ 1 *white*	12	
3	b	Rises Cosm.	21	12	12	20	8	☐ ☿ ☾ 4 ☐ ♂ ☾ 3	13	e
4	c	Scorpio. thy.	22	9	24	56	9	*dispersed clouds*	14	f
5	d		23	6	7	13	10	*causing rain.*	15	g
6	e	Hector	24	3	19	32	11		16	a
7	f	Demetrius	25	0	1	59	12	♂ ♂ ☾ 4	17	b
8	g	Chilan	25	57	13	40	13	*A very uncertain*	18	c
9			26	55	25	35	14	*season some time*	19	d
10	b	7 Bretheren	27	52	7	27		☌ ♄ ☾ 3 ☌ ☿ ☾ 11	20	e
11	c	Pius	28	49	19	19	16	☌ ♀ ☾ 8	21	f
12	d	[illegible] ris. n.e.b.e.	29	46	1	11	17	*Wind and rain*	22	g
13	e	Set n.w.by w.		43	13	9	18	*then black dark*	23	a
14	f	Bonavent B	1	41	25	10	19	*and*	24	b
15	g	Swithin	2	39	7	21	20	*cloudy weather*	25	c
16			3	35	19	49	21		26	
17	b	Alexius	4	33	2	34	☽	☐ ☿ ☾ *serene*	27	c
18	c	Swans Taile	5	30	15	43	23	☐ ♄ ☾ 2 *and clear*	28	f
19	d		6	27	29	16	24	☐ ♂ ☾ 8 *air, and*	29	g
20	e	Elias	7	24	13	20	25	☐ ♀ ☾ 8 *fair and*	30	a
21	f	Daniel	8	21	27	49	26	*good weather.*	31	b
22	g	Mary Mag.	9	18	12	40	27			
23			10	15	27	49	28	♂ ☿ ☽ 11	2	
24	b	Christinus	11	12	13	5	●	♂ ♄ ☾ 7	3	c
25	c		12	9	28	15	1	♂ ♂ ☾ 8	4	f
26	d	Anna	13	6	13	30	2	♂ ♀ ☾ 6 *The wea-*	5	g
27	e	Martha	14	3	27	41	3	♂ ♀ ☾ 8 *ther is*	6	a
28	f	Panthal	15	1	12	0	4	*now very catching*	7	b
29	g	Great dog.	15	59	25	42	5	*and not very plea-*	8	c
30			16	57	8	59	6	☐ ♄ ☾ 4 ☐ ☿ ☾ 9		
31	b	Rises Cosmi.	17	55	21	50		*sing to hay makers.*	10	e

D.	♄	♃	♂	☉	♀	☿	Lat.
1	7 ♑ 38	29 ♐ 11	29 ♊ 43	11 ♑ 6	14 ♑ 32	4 S 6	
6	8 16	0 ♑ 19	3 ♋ 3	17 11	20 43	4 D 47	
11	8 55	1 25	6 23	23 16	25 46	0 26	
16	9 33	2 32	9 41	29 21	29 41	4 M 19	
21	10 11	3 38	12 58	5 ♍ 25	1 ♍ 37	4 A 25	
26	10 45	4 45	16 14	11 28	1 R 41	1 S 48	

1	7	48	
	8	36	
3	9	24	
4	10	12	
5	11	0	
6	11	48	
7	12	36	
8	1	24	
	2	12	
10	3	0	
11	3	52	
12	4	43	
13	5	35	
14	6	26	
15	7	18	
	8	10	
17	9	2	
18	9	53	
19	10	45	
20	11	37	
21	12	28	
22	1	20	
	2	11	
24	3	0	
25	3	48	
25	4	36	
27	5	24	
28	6	12	
29	7	0	
	7	48	
31	8	36	

High water at London Bridge.

It is so called of *Julius Cæsar*, who was born in this Moneth; for before it was called *Quintilis*, as being the fifth Moneth from *March*, from whence the Ancient Romans used to begin the order of their Months. The *Saxons* called this Moneth *Hen-monat*, or *Heymonat*, because of their Hay-harvest in this Month.

With *Mary Magdalen* let us begin,
To know, confess, repent, and cease to sin,
That with the Apo.(25) *James* we may arrive
To that Rest which time can ne'r us deprive.

Sow Latice, Radish, &c. water young planted Trees and Layers. Prune Apricocks and Peaches saving the most likely shoots well placed. Let such Olatory herbs run to seed as you would save. Slip stocks and other Lignous Plants and Flowers, lay Mertiles, and other curious Greens. Lay Gilleflowers and Carnations for increase. Water young planted shrubs and layers. clip Box growing out of order after rain, still cut off withered stalks of lower flowers. Water young Gravel walks in the driest season with brine, pot-ashes; or with water of a decoxion of Tobaco refuse, to destroy worms and weeds, stop the exorbitant shoots of Vines, at the second joynt above the fruit

Full moon the 8 day, 6 mi. after 5 in the morn.
Laſt quarte the 16 day, half an hour after 6 in morn.
New moon the 22 day, 3 quarters paſt 4 Afternoo.
Firſt quarter the 29 day, half an hour af. 6 at night.

Take heed of Surfers, inflaming meats and ſpices;
Phiſick forbear, be wiſe in exerciſes.

1	c		18	54	4	♐	21	8	☐ ☿ ☾ 2		11 f
2	d	Pegaſus Mon.	19	52	16		39	9			12 g
3	e	Dominick	20	45	28		42	10	*Very hot weather*		13 a
4	f	Ariſtarchus	21	47	10	♑	38	11	☌ ☍ ☾ 12 *with*		14 b
5	g	Feſtum Ni.	22	45	22		32	12	☌ ♅ ☾ 6 *ſuddain*		15 c
6			23	42	4	♒	14	13	☌ ♄ ☾ 4		16
7	b	☉ R. E. N E	24	40	16		17	14	☌ ☿ ☾ 8		17 e
8	c	ets W. N.W.	25	38	28		10		*ſhowers of hail*		18 f
9	d	Donatus	26	36	10	♓	11	16	*and rain.*		19 g
10	e	Lawrence	27	33	22		15	17	☌ ☿ ☾ 3		20 a
11	f	Titus.	28	31	4	♈	24	18	*Fair and good*		21 b
12	g	Clara	29	29	16		47	19	☐ ♂ ☾ 9 *harveſt*		22 c
13				27	29		19	20	☐ ♄ ☾ 2 ☐ ♅ ☾ 6	23	
14	b	Bertram	1	25	12	♉	7	21	☐ ☿ ☾ 3 *weather*		24 e
15	c	Aſſump. M.	2	23	25		13	☽	*Very hot and*		25 f
16	d	Rochus	3	21	8	♊	39	23	*ſcorching.*		26 g
17	e	Tho. of Heref	4	19	22		28	24	☐ ☿ ☾ 3		27 a
18	f	Helena	5	17	6	♋	42	25			28 b
19	g	Sebald	6	15	21		20	26	☍ ♅ ☾ 7. ☌ ♂ ☾ 6.		29 c
20			7	13	6	♌	14	27	☌ ♄ ☾ 1 ☍ ☿ ☾ 10		30
21	b	Athanaſius	8	11	21		20	28	*Now ex-*		31 e
22	c	Simpher	9	9	6	♍	26	●	*pect ſome rain*		
23	d	Pegaſus Shoul	10	8	21		25	1	*and high wind*	2	g
24	e		11	6	6	♎	14	2	☍ ☿ ☾ 8 *if not*	3	a
25	f	Riſes E. b. N	12	4	20		28	3	☐ ♃ ☾ 4 *Thunder*	4	b
26	g	ets W. b. N.	13	2	4	♏	21	4	☑ ♄ ☾ 6 ☐ ♅ ☾ 1	5	c
27			14	1	17		43	5	☐ ♀ ☾ 6	6	
28	b	Auguſtine	14	59	0	♐	41	6	*Cooler weather*	7	e
29	c	Joh. Bap. dec	15	58	13		16	7	*but fair.*	8	f
30	d	Felix	16	56	25		30	8		9	g
31	e	Faulinus	17	54	6	♑	51	9		10	a

D	♄	♅	☌	☿	♀	☾	La
1	11♑35	6♌ 4	20♑ 8	18♏43	28♌56	5	S 12
6	12 14	7 9	23 22	24 45	24 57	1	42
15	12 51	8 14	26 34	0♎46	21 93		M 28
16	13 28	9 19	29 46	6 38	18 59	5	A 4
21	14 5	10 20	2 57	12 48	20 D 17	0	25
26	14 41	11 22	6♌ 7	19 46	25 7	5	S 0

1	9	24
2	10	12
3	11	0
4	11	48
5	12	36
	1	24
7	2	12
8	3	0
9	3	52
10	4	43
11	5	35
12	6	26
	7	18
14	8	10
15	9	2
16	9	53
17	10	45
18	11	37
19	12	28
	1	20
21	2	11
22	3	0
23	3	48
24	4	36
25	5	24
26	6	12
	7	0
28	7	48
29	8	36
30	9	24
31	10	12

High water at London Bridge

It taketh its name of *Augustus Cæsar*, who in this *Moneth* began his Consulship, brought three Triumphs into the City, and put an end to the Civil Wars; before this time it was called *Sextilis*, as being the sixth *Moneth* from *March*.

(10) S. *Lawren.* on a *Gridiron* Broyled to death,
(24) St. *Bartholomew* likewise was decolated
Their Torments they as Pleasure did accompt,
And now they'r mounted where their Joys (surmount.

Inoculate early, prune off superfluous branches and shoots of the second spring. Pull up suckers sow Radish, tender Cabages and Coliflours for winter plants Sow Corn-sallet, Mary golds, Letice, Carrets, Parsnips, Spinage, Onions, curled Endive, Angelica, Scurvigrass, Larks heele, Columbines, Ironcoloured, Fox Gloves Holy hocks and such plants as indure winter. Transplant such letice as you would have to abide all winter; pull up ripe Onions and Garlick, &c. Gather Olitory seeds; clip such herbs, before the full an handful high Plant Animonies, slip Gillyflowers, gather seeds of shrubs being ripe. Take up bulbs of lillies. Remove and lay perennial greens, Oranges, Lemons, Mertils, &c. Sow Purslan, Charvel, Cervile, and make Summer Sider and Pears.

Full moon the 6 day, 34 min. past 9 at night.
☽ Laſt quarter the 14 day, at 11 in the forenoon.
● New moon the 21 day, at 2 in the morn.
First quarter the 28 day, at noon.

Now Phyſick may be us'd, bleed, bath, and purge,
Or whatſoe'r Neceſſity doth urge.

1	f	Egidius	18	53	19	♍	23	10	*Temperate and*	11	b
2	g	Rachel	19	51	1	♎	13	11	□ ♀ ☾ 1 *good*	12	c
3			20	50	13		2	12	♂ ♄ ☾ 5 ☍ ♅ ☾	13	
4	a	Theodoſe	21	49	24		55	13	*weather till the* 6	14	e
5	b	Zachary	22	47	6	♓	54	14	*day. Afterwards*	15	f
6	c	Magnus	23	46	19		3	●	*you will have*	16	g
7	d	Regina	24	45	1	♈	19	16	*Very hot*	17	a
8	e	Nat. V. Mary	25	43	13		46	17	*Thunder and*	18	b
9	f	Kunigur	26	42	26		24	18	*lightning and*	19	c
10			27	41	7	♉	14	19	□ ☽ ☾ 12 *ſudd ain*	20	
11	g	Theobald	28	40	21		2	20	□ ♄ ☾ 2 □ ♂ ☾ 3	21	d
12	a	Riſes Eaſt	29	39	5	♊	25	21	*ſhowers*	22	f
13	b	Sets Weſt.		38	18		22	☽	*of hail and*	23	g
14	c	Holy Croſs	1	36	2	♋	40	23	*rain.*	24	a
15	d	Nichodem	2	35	16		35	24	*Fair for a few*	25	b
16	e	Euphemia	3	34	0	♌	52	25	*days*	26	c
17			4	33	15		23	26	♂ ♄ ☾ 4 ♂ ♅ ☾ 0	27	
18	f	Ferriolus	5	33	0	♍	8	27	♂ ♂ ☾ 7	28	e
19	g	Jannuarius	6	32	13		56	28	*afterwar.*	29	f
20	a		7	31	29		40	29	♂ ♆ ☾ 5 *a*	30	g
21	b		8	30	14	♎	14	●	*continual change*		
22	c	Maurice	9	29	28		31	1	□ ♅ ☾ 7 *and al-*	2	b
23	d	Joel	10	29	12	♏	24	2	□ ♄ ☾ 10 *teration*	3	c
24			11	28	25		52	3	□ ♃ ☾ 9 ♂ ♀ ☾	4	
25	e	Cleophaſ.	12	27	8	♐	53	4	*of the wea.*	5	e
26	f	Androm Sho.	13	26	21		30	5	*as rain*	6	f
27	g	Judith	14	26	3	♑	48	6	*wind, Flying*	7	g
28	a	Winceſl.	15	25	15		51		*clouds, &c. to the*	8	a
29	b		16	25	27		41	8	□ ☿ ☾ 4. *End*	9	b
30	c	Caſhiope Kne	17	24	9	♒	30	9	♂ ♄ ☾ 12 ♂ ♅ ☾.	10	

D	♄	♅	♂	☉	☿	☾ Lat.
1	15 ♑ 23	12 ♑ 33	9 ♑ 53	25 ♎ 56	3 ♍ 50	2 S 52
6	15 59	13 31	12 58	1 ♍ 53	12 40	2 M 29
11	16 29	14 27	16 37	47	21 51	5 A 17
16	16 59	15 22	19 8	13 41	1 ♎ 45	1 53
21	17 29	16 14	22 13	19 33	10 38	4 S 16
26	17 57	17 3	25 17	25 24	19 22	3 D 52

1	11	0	
2	11	48	
	12	36	
4	1	24	
5	2	12	
6	3	0	High water at London Bridge
7	3	48	
8	4	36	
9	5	24	
	6	12	
11	7	0	
12	7	48	
13	8	36	
14	9	24	
15	10	12	
16	11	0	
		48	
18	12	36	
19	1	24	
20	2	12	
21	3	0	
22	3	48	
23	4	36	
	5	24	
25	6	12	
26	7	0	
27	7	48	
28	8	36	
29	9	24	
30	10	12	

It is so called, as being the seventh month inclusive from *March*. The *Saxons* called this month *Goarst-Monat*, that is Barley Moneth, their Barely Harvest being in this Moneth.

The blest St. *Matthews* (21) sacred memory
Stands in this Moneth fixt to Posterity. (so,
Th'Arch-Angel(29)*Michael*,or Christ nam'd
Did foil the Dragon our Souls mortal Foe.

Gather your ripe Winter fruits in dry weather. Sow Latice, Radish, Spinage, Parsnips, Skirrets, Colliflowers, Cabages, Onions, Scurvigrass, Aniseeds, and Winter herbs. Transplant most sorts of esculent and Physcal herbs; Artichoaks, Sparagrass roots and Strawberries, (out of the wood) All fibrous plants, as Hepoteca, Hellebor, Cammomile, &c. Also Capricarias Matricarius, Violets, Prim-Roses, &c. Bind your Autumnal Flowers and plants to stocks. Set such plants into the Earth (as will not endure the house (in pots, 2 or 3 inches lower then the surface of the Earth, southerly exposed. About Michaelmas *(the weather being fair, and not foggy) retire your choice plants, and rarest greens (being dry) as Oranges, Leamons Indian and Spanish Jasmine, &c.*

☽ Full moon the 6 day, at 1 in the Afternoon.
☽ Last quarter the 13 day, at 6 at night.
● New moon the 20 day, 18 min. past 1 afternoon.
First quarter the 28 day, 30 min. past 7 in the morn

Now Phisicks help do not refuse,
If thou it want, and warily canst use.

1			18	24	21	♎	23	10	☍ ♄ ☾. ☍ ♃ ☾	11
2	h	Leedegar	19	24	3	♓	20	11	☍ ♂ ☾ 3 □ ♀ ☾ 10	12
3	c	Spica Virgini.	20	23	15		18	12		13
4	d	Rises Cosmica	21	23	27		27	13	*Hoary frost and*	14
5	e	Fides	22	23	9	♈	49	14	*coole mornings*	15
6	f	Ancelia	23	23	22		25		*but fair and*	16
7	g	Spes	24	22	5	♉	42	16	*clear dayes.*	17
8			25	22	18		55	17	□ ♄ ☾. □ ♃ ☾	18
9	h	Rams horn	26	22	2	♊	19	18	□ ♂ ☾ 1	19
10	c	Gideon	27	22	15		54	19	☍ ♀ ☾ 3 *Very*	20
11	d	Burchard	28	22	29		37	20	*high and turbu-*	21
12	e	Rams head	29	22	13	♋	34	21	*lent winds*	22
13	f	Telemack		22	27		20	[illegible]	*More mild and*	23
14	g	Calixtus	1	22	11	♌	29	23	*temperate*	24
15			2	22	25		3[illegible]	24	☍ ♄ ☾ 2 ☍ ♃ ☾ 2	25
16	h	Gallus	3	22	9	♍	52	25	☍ ♂ ☾ 6	26
17	c	Florentine	4	22	24		13	26	□ ♀ ☾ 4	27
18	d		5	22	8	♎	30	27	*Few Cuckolds in*	28
19	e	☉ Ris. E. S E	6	23	22		41	28	*Peticoat-Lane,*	29
20	f	Sets W. S. W	7	23	6	♏	32	[illegible]	*White dispersed*	30
21	g	Ursula V.	8	23	20		21	1	□ ♄ ☾ 11 □ ♃ ☾	31
22			9	23	3	♐	44	2	*clouds, bringing*	
23	h		10	24	16		4[illegible]	3	□ ♂ ☾ 2 ☍ ♀ ☾	2
24	c	Salone	11	24	29		24	4	☍ ♀ ☾ 8 *rain*	3
25	d	Crispin. 7	12	24	11	♑	43	5	*and*	4
26	e	Rise Achroni.	13	25	23		48	6	*wind*	5
27	f	Whales Jaw	14	25	5	♒	41	7	*Cold moist*	6
28	g		15	26	17		22		☍ ♄ ☾ 6 ☍ ♃ ☾ 8	7
29			16	26	29		15	9	*and dark air*	8
30	h	Absolon.	17	27	11	♓	8	10	*with some rain.*	9
31	c	Perseus R. shon.	18	27	23		14	[illegible]	☍ ♂ ☾ 8	10

D	♄		♃		♂		☿		☿		☾ Lat	
1	18 ♌	23	17 ♌	51	28 ♌	18	1 ♐	13	27 ♎	37	0 M	5
6	18	48	18	34	1 ♍	17	7	0	5	36	4	40
11	19	12	19	15	4	14	12	45	13	18	4 A	2
16	19	34	19	54	7	12	18	26	20	43	1 S	47
21	19	50	20	29	10	9	24	3	27	50	5	16
26	20	2	20	59	13	1	29	35	4 ♐	34	2 D	18

	11	0
2	11	48
3	12	36
4	1	24
5	2	12
6	3	0
7	3	48
	4	36
9	5	24
10	6	12
11	7	0
12	7	48
13	8	36
14	9	24
	10	12
16	11	0
17	11	48
18	12	36
19	1	24
20	2	12
21	3	0
	3	48
23	4	36
24	5	24
25	6	12
26	7	0
27	7	48
28	8	36
	9	24
30	10	12
31	11	0

High water at London Bridge

It is so called as being the eight month from *March*. The Saxons called it *Win-Monat*, that is Wine month, because this month they had Winds brought them out of other Countries.

(18) St. *Luke*, who did the Glorious Gospel (Write.
And the Acts of all the Apostles well Endite;
(28) St. *Simon* and St. *Jude*, all these Three.
In this month (by the Church) remembered be.

Trench Ground for Orcharding and Kitchen Gardens. Plant fruit Trees of all sorts when they have lost their leaves. Let your Wall Trees be of above a years grafting. Use oblaqueations and laying bare the roots of old. Unthriving or over hasty blooming Trees. Gather fruit dry the moon decreasing. Plant and plash quick sets. Sow all Stony and Kernels and Seeds, as Plumbs, Cherries Nuts Ashkeys, Acorns Crab and Pear Kernels, Almon Stones &c. Sow Letice, Make Winter Syder. Sow as in September *Plant choice Tulips. Plant some Anemonies and Ranunculus's in fresh Sandy Earth taken from under the Turff; Retire Carnations &c.*

Full moon the 5 day, at 3 in the Morning.
☽ Laſt quarter the 12 day, 53 min. paſt 2 in the mon
● New moon the 19 day, 22 min. paſt 3 in the mon
Firſt quarter the 27 day, a quarter after 4 Morn.

Chooſe hot and wholeſome drinks, and meats likewiſe,
Avoid hot baths, uſe honeſt exerciſe.

1	♄		19	28	5	♈	30	12	☐☿☾	*Cold rain*
2	♇	All Souls	20	28	18		9	13		*and dark*
3	♂	Winefride	21	29	1	♉	3	14		*weather*
4	♃	Modeſtius	22	30	14		21	15	☐♄☾11☐♅☾1	
5			23	31	27		56		*Hoary froſt and*	
6	♄	Great dog ſets	24	32	11	♊	46	17	*dry weather.*	
7	☾	Coſmically	25	33	25		50	18	☐♂☾2	
8	♁	Claudius	26	34	9	♋	57	19	☌♀☾7	
9	♇	Theodore	27	34	24		10	20	*Snow and raw*	
10	♂	Martin P.	28	35	8	♌	2	21	*cold weather.*	
11	☿	S. Martine	29	36	22		28	22	☌♂☾8☌♅☾12	
12				36	6	♍	32	●	*Hard*	
13	♄	7✱ Set Coſm.	1	37	20		34	24	☌☍☾5	
14	☾	Buls eye ſet co.	2	38	4	♎	26	25	*froſt and eaſterly*	
15	♁	Leopald	3	39	18		18	26	☐☿☾5 *wind*	
16	♇	Ophiucus knee	4	40	1	♏	56	27	*Fair and not*	
17	♂	Riſes Coſmica.	5	41	15		31	28	☐♄☾10 *very cold*	
18	☿	Heſichi	6	42	28		51	29	☐♅☾1	
19			7	43	11	♐	57	●	☌☿☾11 *Rain and*	
20	♄	Amos	8	44	24		47	1	☐☍☾ *wind*	
21	☾	Bu's Eye Riſes	9	45	7	♑	20	2	*with dark air*	
22	♁	Achronic	10	46	19		33	3	*and fogs.*	
23	♇	Clement	11	47	1	♒	42	4	☌☿☾6	
24	♂	Chryſogon.	12	48	13		36	5		
25	☿	Katherine	13	49	25		23	6	☌♄☾2 ☌♅☾6	
26			14	50	7	♓	7	7		
27	♄	Orions foot	15	51	19		3		*Serene and fair*	
28	☾		16	52	1	♈	5	9	☌☍☾ *but very*	
29	♁	Orions ſhou.	17	53	13		22	10	*cold.*	
30	♇		18	54	26		1	11		

D	♄	♃	♂	♀	☿	☾ Lat.
1	20 ♌ 18	21 ♌ 30	16 ♍ 25	6 ♈ 5	11 ♐ 56	3 M 52
6	20 27	21 52	19 13	11 29	17 34	4 A 54
11	20 34	22 11	21 59	16 43	20 R 18	0 S 22
16	20 R 38	22 24	24 44	21 48	20 R 2	5 4
21	20 39	22 33	27 25	26 42	15 56	3 D 24
26	20 37	22R 36	0 ♎ 41	♒ 23	10 33	1 M 48

1	11	48
2	12	36
3	1	24
4	2	12
	3	0
6	3	53
7	4	45
8	5	35
9	6	26
10	7	18
11	8	10
	9	2
13	9	53
14	10	45
15	11	37
16	12	28
17	1	20
18	2	11
	3	0
20	3	48
21	4	36
22	5	24
23	6	12
24	7	0
25	7	48
a	8	36
27	9	24
28	10	12
29	11	0
30	11	48

High water at London Bridge

It is so called, as being the ninth month from March, The *Saxons* called it *Windmonat*, that is Wind month, because of the blustering Winds which rise usually in this moneth.

Of (1) All Sts. blest, and cursed (5) Powder Plot
Must never be by Protestants forgot.
30) St. *Andrew* ends as *All Saints* did begin,
And may we (as they did) Salvation win.

Turn your Melon ground and mingle it with earth, lay it in ridges for the spring Trench and fit ground for Artichoaks. Set and plant Trees standard or Mural. Furnish your nursery with stocks for grafting. Sow and set early Beans and Peases Lay in Cellars (to be transplanted in Spring for seed) Carrats Parsnips, Turnips, Cabages and Coliflowers Gather your last Orchard fruit, dig up your Potatoes as clean as you can. Crop Asparagrass, and cover it with long dung, or make beds to plant in the Spring So Auricula seeds. Cover peeping Ranunculus, &c. Plant Tulips under shelter the Earth being not too rich, Plant forest Trees for walks Avennes and Groves. Plant Fibrouse Roots, Roses, Althea frutex, Lilax, Syringas, ceryses, Peonies, &c.

Full moon the 4 day, 7 min. past 5 afternoon.
☽ Last quarter the 11 day, 27 min. past 8 in the mo.
● New moon the 8 day, 32 min past 8 at night.
First quarter the 26 day, at 12 at Night.

To keep thy self in Action, thou maist Play,
At Cards, or Dice, but not thy State away.

1	f	Longinus	19	56	8	♉	57	12	□♄☾ 8 Cloudy	11	b
2	g	Candidus	20	57	22		26	13	□♃☾ 12	12	c
3		[illegible]	21	59	6	♊	9	14	☍♀☾ 10	13	d
4	b	Barbara	23	0	20		27		dark and misty	14	e
5	c	Wagoners sho	24	1	4	♋	55	16	□♂☾ 10 some	15	f
6	d	Orions Ri. sh.	25	2	19		33	17	snow	16	g
7	e	Agathon	26	4	4	♌	13	18	☍♀☾ 11 withrain	17	a
8	f	Concep Mary	27	5	18		47	19	☍♄☾ 3 ☍♃☾ 7	18	b
9	g	Joachim	28	6	3	♍	14	20	□♀☾ 7	19	c
10		[illegible]	29	7	17		28	21	and sleet, and	20	
11	b	Damasus		9	1	♎	25	☾	very raw and un-	21	c
12	c	Valecius	1	10	15		8	23	☍♂☾ 11 whol-	22	f
13	d	Lucie Virg.	2	11	28		40	24	some weather.	23	g
14	e	Nicosius	3	12	11	♏	55	25	□♀☾ 9 Fairer	24	a
15	f	Abraham	4	14	25		4	26	□♄☾ 3 □♃☾ 6	25	b
16	g	O Saplentia	5	15	7	♐	59	27	weather inclining	26	c
17		[illegible]	6	16	20		45	28	☍♀☾ 11 to Frost	27	
18	b	Christopher	7	18	3	♑	19	●	which will be like	28	e
19	c	Loth	8	19	15		39	1	□♂☾ 4 to con-	29	f
20	d	[illegible]	9	20	27		49	2	tinue for	20	g
21	e	[illegible]	10	22	8	♒	50	3	o	31	a
22	f	Theodose	11	23	21		45	4	☍♄☾ 8 ☍♃☾ ♀		
23	g	Victoria V.	12	24	3	♓	32	5	☍♄☾ □♃	2	b
24		[illegible]	13	25	15		23	6	many days, also	3	
25	b	[illegible]	14	27	27		14	7	□♀☾ 8	4	d
26	c	[illegible]	15	28	9	♈	15		great	5	e
27	d	[illegible]	16	29	21		29	9	☍♂☾ 11 snow	6	f
28	e	[illegible]	17	31	4	♉	13	10	and high wind	7	g
29	f	Jonathan	18	32	17		5	11	□♄☾ 4 □♃☾ 8	8	a
30	g	Little dog.	19	33	0	♊	23	12	□♀☾ 10 cloudy	9	b
31		Silvester	20	34	14		15	13	weather.	10	c

	D	h		♃		♂		♀		☿		☾	Lati.
	1	20 ♌	33	22 ♌	33	2 ♎	40	5 ♏	48	5 ♐	43	5 M	13
	6	20	25	22	27	5	10	9	53	3 D	10	2	23
	11	20	15	22	14	7	39	13	35	8	20	3 S	44
	16	20	3	21	57	10	2	16	47	13	34	5 D	55
	21	19	48	21	36	12	20	19	26	19	53	0	44
	26	19	31	21	11	14	35	21	21	26	41	4 M	16

1	12	36	
2	1	24	
	2	12	
4	3	0	
5	3	52	
6	4	43	
7	5	35	
8	6	26	
9	7	18	
	8	10	
11	9	2	
12	9	53	
13	10	45	
14	11	37	
15	12	28	
16	1	20	
	2	11	
18	3	2	
19	3	48	
20	4	36	
21	5	24	
22	5	12	
23	7	0	
	7	48	
25	9	36	
26	9	24	
27	10	12	
28	11	0	
29	11	48	
30	12	35	
	1	24	

High water at London Bridge

It is so called as being the Tenth *Moneth* from *March*. The *Saxons*, at first, called it *Wintermonat*, that is Winter Month: But after they received the Christian Faith they called it Heligh monat, that is Holy Month; because of the Holy Feast of *Christmas* in this Month.

(21 S. *Thomas*, and (25) our Saviour *Jesus Christ*, (26) S. *Stephen*, and (27) S. *John* th' Evangelist. And (28) holy Innocents, their days do hallow, And as they led the way, God grant us follow.

Prune and nail standard Trees and wall fruit, plant Vines and stocks for Grafting. Sow yet pomace of Cyder Pressings for Nurseries. Set all sorts of Kernels stones, &c. Sow early Beans and pease. Trench ground and dung it for borders, planting fruit Trees, &c. Turn and refresh Autumnal fruit opening the Windows on a clear day. Use hostility against Vermine by Traps, &c. Preserve your choiseſt Anemonies, Carnations, &c. From great Rain and frost, let the door and Windows of your Conservatory be well Matted and Garded ——

Feast not the Rich ones, but thy Neighbours Poor,
So God will bless thee and increase thy store.
—— Of mirth now take thy fill;
For Mirth with measure can produce no ill.
--- *Temper the air with a little Charcole put into a hole, sink a little into the middle of the flower. Set bayberries &c. ripe.*
Thus as the year increases and does spend.
So th' Gardners Labours never at an end.

A Table shewing the time of High-water in all the Ports below-mentioned.

Days	Hours and Minutes to be added. Ho.	M.		The Names of the Ports.	H.	M.
1	0	49		Queenborough, Southampton, Portſmouth,	0	
2	1	38		Rocheſter, Maldon, Blacktail,	0	48
3	2	26		Graveſend, Dover, Blackeneſs, Silly,	1	36
4	3	15		Dundee, St. Andrews, Lisbon, Lucar,	2	15
5	4	3		London, Tinmouth, Amſterdam, Rotterdam,	3	
6	4	52		Berwick, Flushing, Flamborough,	3	48
7	5	41		Baltamoor, Corke, Severn, Callice,	4	36
8	6	30		Falmouth, Humber, New-Caſtle,	5	15
9	7	19		Plimouth, Hull, Lin, St. Davids,	6	
10	8	8		Briſtol, Stare-point, Waterford,	6	48
11	8	56		Milford, Bridgwater, Landsend,	7	36
12	9	45		Portland, Hartlew, Dublin,	8	15
13	10	34		Pool, Iſle of Man, Dunbar, Diepe,	9	
14	11	23		Needles, Orford, South and N. Foreland,	9	48
15	12	11		Yarmouth, Dover, Harwich,	10	36
16	0	0		Rie, Winchelſey, Colchar,	11	15
17	1	0				
18	1	49				
19	2	38				
20	3	26				
21	4	15				
22	5	3				
23	5	53				
24	6	41				
25	7	30				
26	8	19				
27	9	8				
28	9	56				
29	10	45				
30	11	36				

Afternoon. Morning.

The Uſe of the ſe Tide Tables.

IN the Sixth Colum of the Almanack, you have the Moons age every day of the year, which being known, ſeek the Moons age in this Table, and ſee what hours and minutes ſtand againſt it, thoſe hours and minutes being added to the hours and minutes which ſtand againſt the name of the place you would know the time of High water at, will give you the time of high water at that place.

Example

If you would know what time it will be High-water at Graveſend, upon the 8 of January, *againſt the 3 of* January, *you ſhall find the Moon is 10 days old: Wherefore find 10 days in the Table under* (☾ *Age*) *and againſt it you ſhall find 8h. 8m. which being added to 1 h. 30 m. (the hours and minutes ſtanding againſt Graveſend) the ſum is 9 h. 38 m. at which time it will be high water at Graveſend on the 3 of* January *afternoon. But if the hours and minutes added together exceed 12 hours, you muſt caſt away 12 hours, and the time of high water will remain. So the 7 of* January, *the Moon being 9 days old, the hours and min. againſt 9 days old are 7 h. 19. min. which added to 10 h. 30. m. (the hours and mi. ſtanding againſt Dover) make 17 h. 49 mi. from which take 12. h. and there remains, 5 h. 49 m. at which time, it will be high water at Dover the 7 of* January.

Of the Eclipſes this Year, 1682.

THE Luminaries will ſuffer this year Four Eclipſes. Of which, Two are of the *Sun*, and two of the *Moon*. Neither of theſe of the *Sun* will be conſpicuous to us in *England*, but the two of the *Moon*, will both of them be Total Eclipſes, and will be ſeen of us, the one wholly, the other but in part.

The firſt Eclipſe is of the *Sun*, and happeth upon *Saturday* the 28 of *January*, and although the greateſt obſcurity will be about 2 in the Afternoon, yet it will not be ſeen, becauſe it will be very ſmall, except by curious Obſervers furniſhed with apt Inſtruments.

The ſecond Eclipſe will be of the *Moon*, upon *Saturday* the 11 of *February*: It will be a Total Eclipſe with continuance,

The { Beginning will be at 3 min. after 9 / Middle will be at 28 min. after 11 } at Night. / End will be at 23 min. after 1 in the Morning. / Whole Duration will be 3 hours and 50 minutes. And / Digits Eclipſed will be almoſt 20.

The Third Eclipſe will be of the *Sun*, upon *Monday* the 24 of *July*, half an hour after 9 in the Forenoon: It will be a very ſmall Eclipſe and hardly perceptible.

The Fourth will be a Total Eclipſe of the *Moon*, upon *Tueſday* the 8 of *Auguſt*.

The { Beginning will be at 9 min. before 4 / Middle will be at 4 min. before 6 } in the Morning. / End will be at 1 minute after 8 / Whole Duration will be 4 hours and 10 min. And / Digits Eclipſed will be almoſt 19.

The Reaſon of the *Eclipſes* of the *Sun* and *Moon*, may be gathered from theſe Verſes following. *For*

Th' Opacous Moon *(by day) obſcures the Light,*
Of ſplendent Phœbus *from Mens ſight. By Night*
Phœbus *oppoſeth her, and o're her Face*
Doth caſt a Sable Mantle for a ſpace.

Of the Four Seasons, or Quarters of the Year.

I. *Of the Vernal or Spring Quarter.*

THE *Vernal* or Spring-Quarter this Year, begins upon *Friday* the tenth day of *March*, at 10 minutes before four in the Morning: at which time the *Sun* enters into the first scruple of the Equinoctial sign *Libra*, making the Days and Nights of equal length through the whole World. At this time the Sun hath no declination from the Equinoctial Circle, but is direct in it.——The Amplitude of his Rising and Setting are directly East and West. —— His Meridian Altitude is equal to the Complement of the Latitude of all places, *viz.* at *London* 38 *deg.* 32 *m.* the Latitude being 51 *deg.* 32 *m.* And such is the Sun depression at Midnight at the same time.—This Quarter continues till the *Sun* hath made its Progress through the three Vernal Signs, *Aries*, *Taurus* and *Gemini*.

Now do the Birds begin to warble forth
Sweet Notes, to welcome Phœbus *to his Court:*
He to requite them, cloatheth with rich Green
All Trees and Plants, which erst were Russet seen.
And by his quickning vertue doth produce.
A new supply of all things for mans use.

Of the Nature, Quality, and Signification of the Spring-Quarter.

The general Constitution of this Quarter is Hot and Moist in the beginning whereof (while the Sun is in *Aries*) it is more Moist than Hot; the dregs of Winter Moisture yet remaining. The Middle (while the Sun is in *Taurus*) the heat and moisture bear equal mastery; neither being predominant. But, the last part (while the Sun is in *Gemini*) he approaching near to the Summer *Solstice*. Heat hath the preheminence of the Moisture.—(of the four Elements) Air attributes to this Season——Of the Humours Blood ——Of the Complexions Hot and Moist Air ——Of Ages Childhood—— In this Season Melancholy persons are most healthy, and the Sanguine most subject to sickness. Old Age is revived, and Childhood more dejected——In this Quarter, those Diseases which issue from the Blood are most dangerous, as Feavers and such like; Agues, and such as issue from Melancholy, not being so dangerous; these Spring distempers being rather more healthy then deadly: and from hence (probably) was this Old Saying derived, That

An Ague in the Spring, Is Physick for a King.

T

Falling-ſickneſs, Frenſies, Ulcers, Rheums, Madneſs, Melancholy, Leproſies, Ring-worms, Tetters, Puſhes, Blains, Pimples, Wheals, and ſuch like.

II. *Of the Æſtival or Summer-Quarter.*

UPon *Sunday*, the 11 day of *June*, at 28 *m.* after 6 in the Morning, this Quarter taketh its beginning, for at that time will the *Sun* be poſſeſſed of the firſt Scruple of the Celeſtial Sign *Cancer*: making then the longeſt Days and ſhorteſt Nights to all Northern Inhabitants of the World; and the contrary to thoſe that inhabit on the South-ſide of the Æquinoctial Line. —— At this time the *Sun* is arrived to its greateſt pitch of Altitude Northward, for his Declination is now 23 *deg.* 32 *m.* his Amplitude of Riſing and Setting is from the true Eaſt and Weſt points 40 *deg.* Northward, he Riſing North-Eaſt half a point Eaſterly, and ſets North-Weſt half a point Weſterly, his Meridian Altitude being 62 *deg.* and his depreſſion at Midnight 15 *deg.* His Semi-diurnal Arch is 8 hours 13 *m.* and his Semi-nocturnal 3 hours 47 *m.* So that the length of the Day is 16 *h.* 26 *m.* and the length of the Night 7 *h.* 34 *m.*—— This Quarter continues till the Sun hath traverſed the three Eſtival Signs *Cancer*, *Leo* and *Virgo*. And

Now do the Fields with bearded Grain wax white,
And Husbandmen rejoyce to ſee the ſight;
up ſluggards, ſleep not, make ye haſt to Hey
Whilſt Titan *heateth, work without delay.*
For careful Husbands that intend to thrive,
Muſt like the Bee, bring Honey to their Hive.

Of the Nature, Quality and Signification of this Summer-Quarter.

The general Conſtitution of this Quarter is hot and dry, Heat being predominant while the *Sun* is in *Cancer*, great drought while he is in *Leo*; and a moderate participation of both while he is in *Virgo*—— Of the Four Elements, Fire is attributed to the Summer—— Of the Humors Choller—— Of the Complexions, Hot and Dry—And of Ages Youth —— In this Seaſon the Phlegmatick are moſt at eaſe, and the Cholerick worſe; the Decrepid better; and Youth worſt of all!—— The Diſeaſes incident to the Body of Man, this Seaſon, are Feavers continual burning-hot Sickneſſes, Agues, Vomitings, Rheums in the Eyes, Ulcers in the mouth; angry Wheals, cauſing the ingendering of all putrefactious Diſeaſes.

THE glorious Lamp of Heaven, the *Sun* having made his progreſs through the ſix Northern Vernal and Eſtival ſigns, towards the *Artick* Pole, now begins his Southerly Journey towards the *Antartick* or South Pole: And this year he will begin this his Progreſs upon *Tueſday* the 12 day of *September* 3 *min.* before 9 of the Clock at Night, at which time he enters into the Autumnal Equinoctial ſign *Libra*, making the Days and Nights univerſally equal; Riſing and Setting exactly Eaſt and Weſt, and having like Meridian, Altitude and Midnight depreſſion, as when he entred *Aries*. And this Quarter continues till the Sun hath paſſed the three Autumnal Signs *Libra*, *Scorpio* and *Sagittarius*. For

Now Sol from his Imperial Throne deſcendeth,
And towards th' Antartick Pole his Journey bendeth:
At whoſe departure every Plant and Tree
For grief doth caſt aſide its bravery;
And Jady mourning, cannot like, nor thrive
Till he return, and them again revive.

The general Conſtitution of this Quarter is Cold and Dry during his continuance in *Libra* Dry; in *Scorpio* moderate participating of Cold and Drought; and while in *Sagittarius* more Cold than Dry:—— Of the Elements Earth is attributed to this Seaſon—— Of the Humours Melancholy —— Of Complexions Cold and Dry —— Of Ages, the Old Age. —— Thoſe that are Sanguine are now beſt in Health, the Mellancholy worſt, Children ſomewhat better, and Old Age worſt of all. —— This Quarter thoſe Diſeaſes are moſt dangerous which iſſue from Melancholy, far worſe than theſe that have their original from the Blood; and in this Quarter, many people do fooliſhly deſtroy their Bodies, by participating too freely of the Fruits of the Earth. —— The Diſeaſes incident to the Bodies of Men, this Quarter are Feavers, Spleen, Conſumption of the Lungs, Strangury, Diſeaſes in the Guts, Pains in the Hipps, Squinancie, Phthiſick, Falling-Sickneſs, Madneſs, and ſuch like Diſtempers

WHen the *Sun* enters into the first Scruple of the Southerly Tropical Sign *Capricorn*, this Quarter taketh its beginning, which this Year will be upon *Monday* the 11th day of *December*, at 39 *m.* past 2 in the Afternoon, and at this time are the Days shortest and the Nights longest to all Northern, and the contrary to all Southern Inhabitants: And the Amplitude of his Rising and Setting is as much from the East and West Point's Southward, as when he entred ♋ it was Northward, namely 4 *deg.* His Meridian Altitude is now only 15 *deg.* which is no higher then he is at 3 quarters after 5 in the Morning, when he was in ♋. — This Quarter continueth till by his natural motion he hath passed the three Hyemnal Signs, ♑, ♒, and ♓, all which time, when the *Sun* is in ♋ at a quarter before 6 in the Morning or a quarter after 6 at Night. This quarter continueth till the Sun hath passed through the 3 Hyemnal Signs, ♑, ♒, and ♓. During which time you may

See how the silly Sadness Trees do shiver
For want of Kingly Sol their comfort-giver;
And how Dame Flora in her Mother Earth,
Doth Shroud her self from blustring Boreas *Breath;*
And dares not pep, until he back return
To quicken Mortals, dead with Hyem's *Spurn.*

This Quarter in the general constitution of it is Cold and Moist, at the beginning (while in ♑) more Cold than Moist, during its residence in ♒ equally mixt of Cold and Moisture, and when in ♓, more Moist than Cold: —— Of the four Elements Water is attributed to this Season —— Of the Humours Phlegm —— Of the Complexions, the Cold and Moist —— And of Ages, the Decrepit. —— In this Quarter Phlegmatick persons are more subject to sickness than at other times; and Cholerick Persons more healthy: Also (Phlegm being predominant) Old men are indisposed and Sick, whereas young men are most active and lively. —— The Diseases incident to Man in this Quarter are Pluriſies, Inflamations of the Lungs, Rheums, Coughs, Head-ach, Catarrhs, Appoplexies, Tumors, &c.

Thus doth bright Sol *by's certain circuiting,*
Make Winter, Autumn, Summer, and the Spring.

A Table of Interest at 6 *per Cent.*

	1. Month			2. Months			3 Months			4. Months			5 Months.		
Lib	*li.*	*sh*	*d.*	*li.*	*sh*	*d*	*li.*	*sh.*	*d*	*li.*	*sh.*	*d.*	*li.*	*sh.*	*d*
1000	5	0	0	10	0	0	15	0	0	20	0	0	30	0	0
500	2	10	0	5	0	0	7	10	0	10	0	0	15	0	0
400	2	0	0	4	0	0	6	0	0	8	0	0	12	0	0
300	1	10	0	3	0	0	4	10	0	6	0	0	9	0	0
200	1	0	0	2	0	0	3	0	0	4	0	0	6	0	0
100	0	10	0	1	0	0	1	10	0	2	0	0	3	0	0
90	0	9	0	0	18	0	1	7	0	1	16	0	2	14	0
80	0	8	0	0	16	0	1	4	0	1	12	0	2	8	0
70	0	7	0	0	14	0	1	1	0	1	8	0	2	2	0
60	0	6	0	0	12	0	0	18	0	1	4	0	1	16	0
50	0	5	0	0	10	0	0	15	0	1	0	0	1	10	0
40	0	4	0	0	8	0	0	12	0	0	16	0	1	4	0
30	0	3	0	0	6	0	0	9	0	0	12	0	0	18	0
20	0	2	10	0	4	0	0	6	0	0	8	0	0	12	0
10	0	1	0	0	2	0	0	3	0	0	4	0	0	6	0
9	0	0	9	0	1	9	0	2	7	0	3	7	0	5	0
8	0	0	8	0	1	7	0	2	4	0	3	2	0	4	0
7	0	0	7	0	1	4	0	2	0	0	2	9	0	4	0
6	0	0	6	0	1	2	0	1	9	0	2	4	0	3	0
5	0	0	5	0	1	0	0	1	6	0	2	0	0	3	0
4	0	0	3	0	0	9	0	1	2	0	1	7	0	2	0
3	0	0	2	0	0	7	0	0	10	0	1	2	0	1	0
2	0	0	1	0	0	5	0	0	7	0	0	9	0	1	0
1	0	0		0	0	2	0	0	3	0	0	4	0	0	0

The Use of this Table.

E*Xample*, To find the Interest of 70*l.* for 6 months: Find 70 in the first Column, and right against it, in the Column of 6 months, is 2*l.* 2*s.* and so much is the Interest. *For the Interest of the same sum in 9 months look for the Interest in 3 months which is 1l. 1s. this add to the Interest for 6 months, the sum is 3l. 3s. the interest of 70 l. in 9 months. Also to find the Interest of 70 l. for 3 months: First, look the Interest of 70 l. for 3 months which is 1l. 1s. Likewise the interest of 5 l. for 3 months is 1 s. 6d. this add to 1l. 1s. maketh 1 l. 2 s 6d. which is the interest of 5 l. for 3 months.*

The Number of Years to be Purchased.	At V. Per Cent. The Value of the Purchase in Years.	Mon.	At VI Per Cent. The Value of the Purchase in Years.	Mon.	At VIII Per Cent. The Value of the Purchase in Years.	mon.	At X Per Cent. The Value of the Purchase in Years.	mon.
1	0	11	0	11	0	11	0	11
2	1	10	1	10	1	9	1	9
3	2	9	2	8	2	7	2	6
4	3	7	3	6	3	4	3	2
5	4	4	4	3	4	0	3	9
6	5	1	4	11	4	7	4	4
7	5	9	5	7	5	2	4	11
8	6	6	6	2	5	9	5	4
9	7	1	6	10	6	8	5	9
10	7	9	7	4	6	9	6	2
11	8	4	7	11	7	2	6	6
13	9	5	8	10	7	11	7	1
15	10	5	9	9	8	7	7	7
17	11	3	10	6	9	1	8	0
19	12	1	11	2	9	7	8	4
21	12	10	11	9	10	0	8	11
23	13	6	12	4	10	4	9	1
25	14	1	12	9	10	8	9	3
27	14	2	13	3	10	11	9	4
29	15	2	13	7	11	2	9	6
31	15	7	13	11	11	4	9	9
41	17	1	15	1	11	11	9	10
51	18	3	15	9	12	3	9	11
61	18	11	16	2	12	4	10	0
71	19	4	16	5	12	5	10	0
81	19	7	16	6	12	6	10	0
91	19	9	16	7	12	6	10	0
Fee.	20	0	16	8	12	6	10	0

The use of the Table.

IF you would know what a Lease or an Annuity for 21 (or any other number of) years is worth in present Money, at 5, 6, 8, or 10 *l. per Cent.* Compound Interest, look in the Table against 21 years, and you shall find, That

			ye.	mo.	
21 years at	5	pound *per cent*, is worth	12	11	Purchase.
	6		11	9	
	8		10	0	
	10		8	11	

To find the true hour of the Day, by help of a Streight Staff or R[illegible] divided into 10, or 100 Parts.

Hours.			12		11 1		10 2		9 3		8 4		7 5		6		5
Every 5 day of the Year.			st	pt	st	pt.	st	pt	st.	pt	st.	pt.	st.	pt	st.	pt.	st.
June	11	11	0	55	0	60	0	75	0	98	1	34	1	92	3	0	5
	6	16	0	5[illegible]		6	0	75	0	99	1	35	1	93	3	1	5
	1	2[illegible]	0	56	0	61	0	76	0	99	1	3[illegible]	1	95	3	4	5
	2	26	0	57	0	62	0	77	1	1	1	38	1	98	3	12	6
May	21	1	0	59	0	64	0	79	1	3	1	41	2	2	3	21	6
	16	6	0	61	0	66	0	81	1	6	1	44	2	8	3	35	7
	11	11	0	63	0	68	0	83	1	8	1	48	2	14	3	51	7
	6	16	0	66	0	71	0	86	1	12	1	53	2	24	3	73	9
	1	21	0	69	0	74	0	90	1	16	1	59	2	34	4	0	10
	26	6	0	73	0	78	0	94	1	21	1	66	2	47	4	36	13
April	11	1	0	77	0	82	0	98	1	27	1	74	2	62	4	81	19
	16	6	0	82	0	87	1	4	1	33	1	84	2	81	5	43	35
	11	11	0	87	0	92	1	9	1	40	1	95	3	3	6	23	86
	6	16	0	9[illegible]	0	9[illegible]	1	16	1	49	2	8	3	31	7	43	
	1	21	0	99	[illegible]	5	1	23	1	58	2	22	3	65	9	22	
	26	25	1	6	1	12	1	31	1	69	2	40	4	7	12	18	
March	2[illegible]	1	[illegible]	[illegible]	1	20	1	40	1	81	2	[illegible]0	4	6[illegible]	13	17	
	1[illegible]	[illegible]	1	[illegible]	[illegible]	28	1	5[illegible]	1	94	2	84	5	31	36	37	
	11	11	1	30	1	37	1	61	2	9	3	13	6	27			
	[illegible]	16	[illegible]	40	1	48	1	7[illegible]	2	27	3	4[illegible]	7	63			
	[illegible]	1	1	51	1	59	[illegible]	87	2	47	3	89	9	73			
	26	26	1	63	[illegible]	72	2	[illegible]	2	71	4	4[illegible]	13	30			
February	21	1	1	[illegible]	[illegible]	86	2	19	2	98	5	8	20	94			
	16	6	1	8[illegible]	2	0	2	38	3	2[illegible]	5	92					
	11	[illegible]	2	5	2	[illegible]	2	64	3	66	7	8					
	6	[illegible]	2	21	2	35	2	84	4	8	8	62					
	1	[illegible]	2	39	2	55	3	11	4	59	10	98					
	2[illegible]	6	2	58	2	76	3	3[illegible]	5	1[illegible]	14	51					
	21	[illegible]	[illegible]	79	2	99	3	71	[illegible]	89	[illegible]0	81					
January	16	6	3	0	3	21	4	[illegible]	6	68	34	37					
	[illegible]	11	3	21	3	46	4	40	7	60	[illegible]	84					
	6	16	3	41	3	68	4	[illegible]6	8	63							
	1	21	3	60	[illegible]	91	5	11	9	72							
December	2[illegible]	[illegible]	3	7[illegible]	4	9	5	4[illegible]	10	79							
	2[illegible]	[illegible]	3	91	4	25	[illegible]	68	11	73							
	1[illegible]	[illegible]	3	97	4	3[illegible]	5	[illegible]2	12	38							
	1	11	4	1	4	37	5	9[illegible]	12	64							

The use of the Table, and thereby to find the true hour of the Day.

YOur Staff or other Streight Ruler being divided, first into 10 equal parts, and then each of those into 10 other equal parts, then will the Staff (or Ruler) be divided into 100 equal parts, which ought to be numbred at every 10, by 10, 20, 30, &c. 10, 100.

Your Staff being thus prepared, when you would find the hour of the day thereby, you must erect it perpendicular or set it upright upon some plain level ground or place, and note the place where the end of the shadow of the Staff did light upon the ground; then with your Staff measure the length of the shadow thereof in Staves, Lengths and hundred parts of one length, according as it is numbred. This done,

Example. I.

Suppose that upon the sixth day of *May*, *I* erect my Staff perpendicular, and measuring the length of the shadow thereof, *I* find the shadow to contain 2 times the length of my Staff, and 24 parts more. Wherefore, *I* look in my Table for the 6 day of *May*, which *I* find in the first Column towards the left hand, and calling my Eye along that Line towards the right hand, *I* find 2. 24 to stand in the seventh Column, at the head whereof is in Figures 9 5 which tells me that it is either 7 of the Clock in the Morning, or 5 in the Afternoon.

If this observation had been made upon the 16 of *July*, and the length of the shadow the same, the hour of the day would have been the same also, for both those days are of equal Length, and so is the 21 of *February*, and the 1 of *October*, --The 16 of *April*, and those of *August*, &c.

Example 2. Upon the 16 of *April* (or the 6 of *August*) *I* erect my Staff and find the length of the Shadow to be once the Staffs length and 30 parts more; *I* look in the Line against *August* 6 and *April* 16. for 1. 30. (the length of the Shadow) and in the fifth Column *I* find 1. 33. (which is the nearest number to it in the Table) over which there stands 9 and 3 which shews that it is almost 9 in the Morning or a little after 3 in the Afternoon.

Example. 2.

Upon the 26 of *May*, or the 26 of *June*, I find the length of the shadow of the Staff to be once its length and 20 parts more. If I seek for this length 1. 20 against *May* 26 and *June* 26, I can find no such number, but the nearest less is 1. 18, over which stands 9 3. and the next number greater is 1. 38. over which standeth 8. 4. and so you may conclude, that the hour is between 8 and 9 in the Morning, or between 3 and 4 in the Afternoon.

A Table of the Sun's Right Aſcenſion at Noon, for every ſecond day of the Year, to be uſed with the two Tables of Fixed Stars following.

Days	January		February		March		April		May		June	
	19	34	21	42	23	28	1	21	3	14	5	18
3	9	42	21	49	23	35	1	2	3	22	5	26
5	19	50	21	57	23	43	1	36	3	30	5	35
7	19	59	22	5	23	50	1	4	3	39	5	44
9	20	8	22	12	23	58	1	51	3	47	5	52
11	20	17	22	20	0	4	1	58	3	53	6	0
13	20	25	22	28	0	11	2	5	4	1	6	9
15	20	33	22	35	0	18	2	13	4	9	6	17
17	20	42	22	43	0	26	2	1	4	17	6	26
19	20	50	22	51	0	33	2	28	4	25	6	35
21	20	58	22	58	0	40	2	34	4	34	6	43
23	21	6	23	6	0	48	2	42	4	42	6	50
25	21	14	23	13	0	56	2	50	4	50	6	58
27	21	22	23	20	1	3	2	58	4	59	7	6
29	21	30			1	10	3	6	5	8	7	14

Days	July		August		September		October		November		December	
1	7	23	9	26	11	20	13	8	15	8	17	16
3	7	31	9	34	11	27	13	15	15	16	17	25
5	7	39	9	41	11	34	13	23	15	24	17	34
7	7	48	9	49	11	41	13	30	15	32	17	42
9	7	56	9	56	11	49	13	38	15	41	17	51
11	8	4	10	4	11	56	13	47	15	49	18	0
13	8	13	10	11	12	4	13	54	15	58	18	9
15	8	21	10	18	12	10	14	1	16	7	18	17
17	8	28	10	24	12	17	14	9	16	15	18	26
19	8	36	10	30	12	24	14	16	16	23	18	35
21	8	43	10	38	12	32	14	24	16	32	18	43
23	8	50	10	46	12	38	14	32	16	41	18	52
25	8	58	10	54	12	46	14	40	16	50	19	2
27	9	7	11	1	12	54	14	48	16	59	19	10
29	9	14	11	9	13	0	14	56	17	8	19	19

A Table of the Names and Right Aſcenſions under the Pole Star, of 22 eminent Fixed Stars, which never Riſe nor Set, but are always above the Horizon, in this Latitude of 51 d. 32 m. And the uſe of the ſaid Table, ſhewing how to find the true hour of the Night, and a true Meridian Line.

Stars Names,	Right Aſ under the Pole.		Diff.
	h	m	m
Caſſiopeas Hyp.	12	38	0
In her Knee.	13	8	3
In Perſius Right ſide.	15	16	15
Great Bear's Lip.	20	13	9
In his left Knee.	21	16	12
Lower in Charles Wayn	22	53	11
Upper in the Wayn	22	56	2
The lower in the Square	23	43	6
The upper.	0	2	2
The Rump Aliot.	0	39	0
In the Tail penult.	1	7	4
The laſt in the Tail.	1	29	6
Laſt turn in Draco.	1	48	11
upper Guard.	1	25	25
Lower Guard.	2	59	27
Bright ✳ in Dracos *Head*	5	25	23
upper turn in Draco.	6	38	35
Cæpheus *left Shoulder.*	8	43	27
In his Girdle.	8	55	2
In his Right Knee	11	10	17
In Caſſiopeas *Chair.*	11	41	10
In her Breſt.	12	21	1

How to find the Hour of the Night.

You muſt obſerve by ſome Perpendicular Corner of a Houſe, ſome Pole perpendicularly erected, or by a ſmall Chord with a Weight at the end of it, hung or held up, then mark which of the Stars in the Table is intercepted by the Perpendicular and the Pole Star, (as always one or other of them will be) then if you ſubſtract the Suns Right Aſcenſion found in the former Table, from the Right Aſcenſion of the Star found in this Table (adding 24 hours thereunto if need be) the remainder ſhall be the true hour of the Night.

The Second Column ſhews the Minutes of an hour that is ſpent betwixt any of the Stars coming under the Pole Star and the Pole it ſelf; therefore if by a Minute Watch or a Pendulum, you obſerve that time (in thoſe which come under the Pole Star before the Pole) at that inſtant, if you place another perpendicular String behind the former, ſo as both interſect the Star, thoſe two perpendiculars ſhall be in the Meridian; and this is a moſt abſolute way to find a true Meridian Line.

A

A Table of the Names, Right Ascensions and Semi-Diurnal Arks of 30. eminent Fixed Stars.

Stars Names.	Right Ascens.		Semi-Diurnal Ark.	
	h	m	h	m
Andromeda's Head.		52	9	51
Medusa's Head.	2	47	sets not	
Perseus Right fid	3	10	sets not	
Brightest of the Pleiades.	3	28	8	18
Aldebaran, the Bulls Eye.	4	17	9	2
Orions left Foot.	4	59	5	6
Middle of Orions Girdle.	5	20	4	19
Orions Right Shoulder.	5	28	6	37
Auriga the Waggoner.	5	52	sets not	
Sirius the Great Dog.	6	31	4	8
Castor in Gemini	7	14	9	38
Procion the little Dog.	7	22	5	23
Pollux in Gemini.	7	25	9	2
Hydra's Heart.	9	11	5	24
Cor Leonis, *Lyons Heart.*	9	51	7	17
Great Bears fore-guard.	10	43	sets not	
Lions Tail.	11	32	7	34
Spica Virginis.	13	8	5	1
Last in the Great Bears Tail	13	35	sets not	
Arcturus.	14	1	8	1
Little Bears fore-guard.	14	50	sets not	
Bright ✳ in the Crown.	15	21	6	50
Scorpions Heart.	16	16	3	31
Hercules Head.	17	0	7	22
Lyra the Harp.	18	26	sets not	
Vultura Volens.	19	35	6	40
Swans Tail.	20	30	sets not	
Pegasus Mouth.	21	28	6	48
Fomahant.	22	39	2	32
Lower wing of Pegasus.	23	55	7	16

I. *To find at what hour of the Night any of the fix'd Stars will be upon the Meridian.*

Subtract the ☉'s Right Ascension (found by the foregoing Task) from the Stars Right Ascension (found by this Table) adding 24 hours if need be, the remainder is the time of the Night; that the Sun will be upon the Meridian.

Example. Upon the 5 of *December*, I would know when the bright Star in the *Pleiades*, commonly called the 7 Stars, will be upon the Meridian; The Suns Right Ascension for that day is 17*h.* 34 *m.* and the Right Ascension of the Star is 3*h.* 28 *m.* which being less than the ☉'s Right Ascension add 24*h.* thereto, and it makes 27 *h.* 28 *m.* from which Substract 17 *h.* 34 *m.* the Suns Right Ascension, and the remainer 9 *h.* 54 *m.* is the time the Star comes to the South.

II. *To*

II. *To find at what Hour any of these Stars do Rise or Set.*

IF to the time of the Stars coming to the South, you add the Stars Semidiurnal Arch, found in the Third Column of the Table, the sum shall be the hour of the Stars *Setting*: And if you Substract the Semidiurnal Arch of the Star from the hours of his Southing, the remainder will be the time of the Stars Rising: So the Semidiurnal Arch of this Star being 8 hours 18 minutes, that added to 9 hours 54 minutes, gives 18 hours 12 minutes for the time of the Stars Setting, that is at 12 minutes after six the next Morning; and being substracted therefrom, leaves 1 hour and 36 minutes, for the time of the Stars Rising.

From these two Problems it will be easie to find the hour of the Night by any of the Stars in the Table. Therefore

III. *To find the hour of the Night by seeing any of the Stars upon the Meridian.*

SUppose that upon the second of *January*, I should find the 7 Stars upon the Meridian, and from thence *I* would know the hour of the Night: The Suns Right Ascension that day is 19 hours 38 minutes, and the Stars Right Ascension is 3 hours 28 minutes, from which Substract the Suns Right Ascension 19 hours 38 minutes (adding 24 hours to the Stars Right Ascension) and the Remainder will be 7 hours 50 minutes, for the hour of the Night.

IV. *To find the hour of the Night by the Rising or Setting of the Stars.*

SUppose that upon the same day you should see the 7 Stars Setting in the West, and would from thence collect the time of the Night —— By the last Problem, you found that he was upon the South at 7 hours and 10 minutes: And by the Table you find that his Semidiurnal Arch is 8 hours 18 minutes, which being added to the time that the 7 Stars was upon the Meridian 7 hours 50 minutes, the sum is 16 hours 8 minutes, from whence substract 12 hours and there remains 4 hours and 8 minutes; wherefore you may conclude, that it is 8 minutes past 4 in the Morning—Also the Semidiurnal Arch of the Star taken from the time of the Stars Southing, it will leave the hour of his Rising.

The

The NORTH Road.

From *London* to *York*, to *New-Castle*, to *Edinburg* 303 *miles*.

To Wilsham	12	
* Ware	8	
Royston	13	* Norwich
Caxton	8	Road:
Huntington	9	
Stilton	9	
Stamford	12	
†S. Witham.	8	
Grantham	8	† Boston
‡ Newark	10	Lincoln
* Tuxford	10	‡Nottingham
Bawtry	12	* Gainsburg
† Doncaster	6	† Hull
Ferry Brigs	11	
‡ Tudcastar	9	‡ Burdlington
York	8	Whitby
Burbrigs	12	
N. Allerton	12	
* Darlington	10	* Bowes
Durham	14	Burgh
New-Castle	12	Carlisle
Morpeth	12	Cockermouth
Alnwick	12	Stockton
Belford	12	
Berwick	14	
Coxburn	14	
Hadington	14	
Edinburgh	12	

The NORTH-WEST Road.

From *London* to *Chester*, to Holyhead 208 *miles*.

To Barnet	10	
St. Albans	10	
Brickhill	7	
† Toceſter	13	† *Derby*
Daventry	10	Warwick
Coventry	14	Stratford
*Colshal	8	Evesham.
Lichfield	12	* Shrewsbury
† Stone	16	† *Lancaster Road.*
Namptwich	16	
Chester	14	
‡NorthHope	8	‡ Wrexham,
* *Danbigh*	12	* St. Asaph
† Conway	14	† Bangor
Bowmaris	10	Carnarvan
Hollyhead	24	

The Middle WEST Road.

From *London* to *Glocester*, so to *Pembroke*, 228 *miles*.

To Hounslow	10	
‡Maydenhead	16	‡ Bristol Road
Nettlebed	12	
* Abington	16	*Oxford.
Lechlead	20	
Cirenceſter	10	
Gloceſter	18	
Monmouth	20	
Uske	8	
Cardiffe	18	
Swanſey	30	Haverford
Caermarthen	20	Cardagan
† *Pembroke*	30	†S. Davids

The WEST Road.

From *London* to *Plymouth* 201 *mil.*

To Staines	10	
*Hartford Br.	16	* Portſmouth
Baſingſtoke	5	
Andover	18	
Salisbury	10	
†Shafsbury	19	† Poole
‡Sherborn	16	Dorcheſter
Crookhorn	13	Weymouth
Honiton	19	‡Taunton
* *Exceſter*	15	Bridgwater
† Asburton	20	Mynehead
‡ Plymouth	24	* Barſtable
		Bideford
		†Temes
		Dartmouth
		‡To all parts of Cornwall.

The SOUTH Road.

From *London* to *Rye* 60 *Miles.*

To Chepſted	20	
Stone Crouch	20	
Rye	20	

From *London* to *Dover* 70 *Miles.*

To Dartford	14	
Rocheſter	14	
Sittingborn	12	
Canterbury	15	
Dover	15	

The EAST Road.

From *London* to *Yarmouth* 110 *mil.*

To Brent-wood	16	
Witham	18	
* *Colcheſter*	12	* Harwich
Ipſwich	16	
† Saxmundham	16	†Alborough
Beckles	19	Southwold
Yarmouth	16	

The BRANCH *Roads.*

In the North Road.

From *London* to *Norwich* 85 *mil*

To Royſton	35	
‡ Cambridge	10	‡Eely
New Market	10	
S. Edm. Bury	10	
* Thetford	10	* Wisbich
Windham	6	Lynne
Norwich	6	

In the *North-Weſt* Road.

From *London* to *Derby* 100 *mil.*

To Toceſter	50	
Northampton	6	
Harborough	12	
Leiceſter	12	
‡Longborough	8	‡ Burton
Derby	12	

From *London* to *Lancaſter* 182 *m.*

To Stone	110	
Brereton Gr.	16	
*Knotes Ford.	8	*Mancheſter.
Warrington	8	
Preſton	20	
Lancaſter	20	

From *London* to *Shrewsbury* 118 *m.*

To Colſhall	82	
†Burmingham	6	† Worceſter
Shefnal	12	Hereford
‡ *Shrewsbury*	12	Ludlow
		‡ Oſweſtry
		Montgomery

In the Middle WEST Road.			In the WEST Road.		
From *London* to *Bristol* 104 *mil.*			From *London* to *Portsmouth* 67		
To Maidenhead	26		To Hartford Br.	32	
Reading	12		† Alton	10	† Winchest
Newberry	16		*Petersfield	10	Southampt
* Marlborough	15	* Devises	Portsmouth	15	*Isl of Wig*
Chipenham	15	Bath			* Chicester
Bristol	2				

Advice Concerning Letters which may be sent from LONDON

On Monday.

To *France*, *Spain*, *Italy*, *Germany*, *Flanders*, *Swedeland*, *Denmark*, *Kent*, The *Downs*.

On Tuesday

To *Holland*, *Germany*, *Swedeland*, *Denmark*, *Ireland*, *Scotland*, *England*, *Wales*.

On Wednesday.

To all parts of *Kent*, and the *Downs*.

On Thursday.

To *France*, *Spain*, *Italy*, All parts of *England*, a *Scotland*

On Friday.

To *Flanders*, *Germany*, *Italy*, *Swedeland*, *Denmark*, *Holland*, *Kent*, The *Down*

On Saturday.

To all parts of *England*, *Wal* *Scotland*, and *Ireland*.

Letters are returned from all parts of *England* and *Scotland*, ev *Monday*, *Wednesday*, and *Friday*, certainly.

From *Wales*, every *Monday* and *Friday*.

From *Kent* and the *Downs* every Day.

From other parts they are returned more uncertainly, in regard the Sea.

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